



New South Wales Government

GC21 (Edition 2)

General Conditions of Contract

Preface

GC21 (Edition 2) General Conditions of Contract

- Contract framework
- Carrying out the Works
- Claim and Issue resolution
- Termination
- Meanings

Contract Agreement

Contract Information

Schedules

Attachments

GC21 (Edition 2) General Conditions of Contract
1 January 2010

Report number (find)

© NSW Government 2010

This work is copyright. Apart from any use as permitted under the *Copyright Act 1968* (Cwlth), no part may be reproduced by any process without written permission from the NSW Construction Consultative Coordination Committee.

Requests and enquiries concerning reproduction and rights should be addressed to:

NSW Procurement Client Support Centre

NSW Department of Service, Technology & Administration
Cataloguing-in-Publication data

**New South Wales.
Construction Consultative Committee**

GC21 (Edition 2) General Conditions of Contract.

The electronic version is available in 'Procurement System for Construction' in the NSW Procurement website www.nswprocurement.com.au

ISBN (check) (electronic version)

1. Construction contracts - New South Wales.

I. Title.

NOTE:

RMS specific changes from GC21 (Edition 1), (excluding Contract Information, Schedules and Attachments), are marked with | in the right margin.

Principal Arranged Insurance

Acknowledgments

This New South Wales Government GC21 (Edition 2) General Conditions of Contract was developed by the NSW Construction Consultative Committee based on experience in the use of Edition 1.

GC21 (Edition 2) General Conditions of Contract was developed in consultation with representatives of:

- Department of Services Technology & Administration
- Department of Housing
- Roads and Traffic Authority
- Department of Health
- Sydney Water Corporation

Government Codes and Guidelines

Copies of the NSW Codes and Guidelines referred to in the GC21 (Edition 2) General Conditions of Contract may be obtained from the NSW Procurement or NSW Industrial Relation websites as follows:

www.procurepoint.nsw.gov.au

NSW Government *Code of Practice for Procurement*

Work, Health and Safety Management Systems Guidelines

Quality Management Systems Guidelines for Construction

Environmental Management Systems Guidelines

Training Management Guidelines

Aboriginal Participation in Construction Guidelines

www.industrialrelations.nsw.gov.au

NSW Government Implementation Guidelines to the NSW Code of Practice for Procurement:
Building and Construction

|

Table of Contents

Preface	10
Contract framework.....	11
Roles and relationships	11
1 General responsibilities.....	11
2 Authorised persons.....	11
3 Co-operation	11
4 Duty not to hinder performance	11
5 Early warning.....	11
6 Evaluation and monitoring.....	12
The Contract.....	12
7 The Contract.....	12
8 Scope of the Works, Temporary Work and work methods.....	12
9 Assignment	13
10 Governing law of the Contract.....	13
11 Notices and instructions	13
Statutory and Government Requirements	14
12 Statutory Requirements.....	14
13 Codes of Practice	14
14 No collusive arrangements.....	16
15 Compliance with NSW Government Requirements	16
16 Appointment of principal contractor for WHS.....	16
17 The Australian Government Building and Construction OHS Accreditation Scheme (the Scheme).....	16
18 Working hours and working days	16
19 Authorisation to release and use information.....	17
20 Long service levy	17
21 Registration and licences	17
Management duties	17
22 Time management.....	17
23 Intellectual property	18
24 Confidentiality	19
25 Media releases and enquiries	19
26 Care of people, property and the environment, indemnities and limitations.....	19
27 Insurance.....	21
Subcontractors, Suppliers and Consultants.....	24
28 Subcontractor relationships.....	24
29 Engaging Subcontractors	25
30 Subcontractor warranties.....	25
31 Consultant and Supplier relationships.....	25
Carrying out the Works	26
Starting.....	26
32 Start-up workshop.....	26
33 Undertakings	26
34 Site access	26
35 Engagement and role of Valuer.....	27
The Site	27
36 Site information.....	27
37 Site Conditions.....	28
Design	29
38 Faults in Contract Documents	29
39 Design by Contractor and Contractor's Documents	29

40	Submitting Contractor's Documents	30
41	Innovation	31
Construction.....		31
42	Setting out the Works and survey	31
43	Construction	31
44	Testing	32
45	Defects	32
46	Acceptance with Defects not made good	32
Changes to work and time		33
47	Valuation of changes.....	33
48	Variations.....	34
49	Changes to Statutory Requirements	34
50	Changes to Contractual Completion Dates	35
51	Delay costs and liquidated damages.....	36
52	Acceleration	38
53	Principal's suspension.....	38
54	Contractor's suspension	38
Payment		38
55	The Contract Price	38
56	Goods and Services Tax (GST).....	39
57	Prepayment	39
58	Payment Claims	40
59	Payments.....	41
60	Completion Amount.....	42
61	Final payment.....	42
62	Interest on late payments.....	42
63	Set-off	42
Completion		43
64	Early use.....	43
65	Completion.....	43
66	Close-out workshop	43
67	Defects after Completion	43
Claim and Issue resolution		44
Claim resolution.....		44
68	Contractor's Claims	44
Issue resolution		44
69	Notification of Issue.....	44
70	Resolution by senior executives.....	45
71	Expert Determination.....	45
72	Parties to perform the Contract	46
Termination.....		47
Termination.....		47
73	Termination for Contractor's Default or Insolvency.....	47
74	Termination for Principal's convenience	47
75	Termination for Principal's default.....	48
76	Termination notices.....	48
77	Survival	48
Meanings		49
Meanings.....		49
78	Interpretation.....	49
79	Definitions.....	49
Contract Information		55
Contract		55
1	Contract name	55
2	Site	55

3	Description of the Works	55
Principal's details		55
4	Principal	55
5	Principal's Authorised Person	55
6	Notices to the Principal	55
7	Principal's Senior executive	56
Contractor's details		56
8	Contractor	56
9	Contractor's Authorised Person	56
10	Notices to the Contractor	56
11	Contractor's senior executive	57
Dates and times		57
12	Date of Contract	57
13	Times for Site access and Completion	57
Statutory and Government requirements		58
14	Fees, charges and approvals	58
15	Compliance with NSW Government guidelines	58
16	Requirements for Commonwealth Funded projects	59
17	Principal contractor	60
18	Working hours and working days	60
Liability		60
19	Not used	60
20	Proportionate liability	60
Insurance		60
21	Works insurance	60
22	Public liability insurance	60
23	Workers compensation insurance	60
24	Professional indemnity insurance	61
25	Marine liability insurance	61
Contract Documents		61
26	Other Contract Documents	61
Principal's Documents		62
27	Copies of Principal's Documents	62
Contractor's Documents		62
28	Copies of Contractor's Documents	62
Subcontract work		62
29	Inclusion of consistent requirements in Subcontracts	62
30	Payment period for Subcontracts	62
31	Preferred Subcontractors	62
32	Subcontractor's warranty	63
Undertakings		64
33	Completion Undertaking	64
34	Post-Completion Undertaking	64
35	Return of Post-Completion Undertaking	64
Site information		64
36	Site information	64
37	Site Conditions	65
Design and documentation		65
38	Scope of design activities	65
Innovation		66
39	Innovation	66
Payments		66
40	Contract Price at the Date of Contract	66
41	Rise or fall adjustments	66
42	Provisional Sums	66
43	Provisional Sum margin	66

44	Contractor's Margin.....	67
45	Amount of Prepayment.....	67
46	Payment date and method.....	67
47	Completion Amount.....	67
48	Interest on late payments.....	67
	Delay costs.....	67
49	Delay costs and liquidated damages.....	67
	Engagement of Valuer.....	68
50	Engagement of Valuer.....	68
	Expert Determination.....	69
51	Not used.....	69
52	Expert Determination representative.....	69
53	Person to nominate an Expert.....	69
54	Threshold amount for litigation.....	69
	Schedules.....	70
	Subcontractor's Warranty.....	71
	Terms of Deed.....	71
1	Warranty.....	71
2	Replacement or making good.....	72
3	Costs.....	72
4	Indemnity.....	72
5	Notice of Defects.....	72
6	Time to remedy.....	72
7	Failure to remedy.....	72
8	Urgent action by Principal.....	72
9	Assignment.....	73
10	Operation of Deed.....	73
	Undertaking.....	74
	On behalf of the Contractor.....	74
	Payment Claim Worksheet.....	75
	Agreement with Valuer.....	77
	Terms of agreement.....	77
1	Request to determine and acceptance.....	77
2	Determination by Valuer.....	77
3	Principles for valuation.....	77
4	Meeting.....	78
5	Documents.....	78
6	Role of Valuer.....	78
7	Certificate final.....	78
8	Liability of Valuer.....	78
9	Fees and expenses.....	78
10	Confidentiality.....	79
11	Termination of agreement.....	79
12	Payment.....	79
13	Period of engagement of Valuer.....	79
	Expert Determination Procedure.....	80
1	Questions to be determined by the Expert.....	80
2	Submissions.....	80
3	Conference.....	81
4	Role of Expert.....	81
	Contractor's Statement and Supporting Statement.....	82
	Costs Adjustment Formula.....	86
1	No adjustment if contract period less than 52 weeks.....	86
2	Method of cost adjustment.....	86

3	Costs adjustment formula.....	86
4	Adjustment of new rates	87
5	Index Numbers as first published.....	87
6	Items not to be adjusted	87
7	Cost adjustment for the supply of bitumen	87
8	No other costs adjustment	88
Daywork		89
1	Daywork procedure and determination	89
2	Amounts included in and excluded from <i>Daywork</i>	89
Subcontract requirements		91
General requirements for specified subcontracts.....		91
Insurance Policy Terms		92
Statement regarding Materials.....		94
Compliance with Building Code 2013		95
Attachments.....		97
The GC21 Start-up Workshop.....		98
Performance Evaluation (example)		99
Performance Evaluation.....		101
Performance Evaluation Record		102
Performance Evaluation Record		103

Preface

The GC21 Edition 2 General Conditions of Contract

The GC21 Edition 2 General Conditions of Contract build on the experience and project success delivered with Edition 1 which had a highly effective emphasis on co-operative contracting and enhanced communication between the parties.

Edition 2 focuses on streamlining, updating and improving the operation of the contract to reflect experience and practice.

The requirement for Contractors to use the GC21 Subcontract has been discontinued in Edition 2, and replaced with a short list of mandatory requirements to give the Contractor and subcontractors flexibility in their commercial arrangements.

Using this document

All defined words and phrases have initial capitals and are in italics in the GC21 General Conditions of Contract unless they are one of the following basic terms, which appear too often for italics to be used:

- Contract
- Contract Information
- Contractor
- Consultant
- Date of Contract
- Principal
- Site
- Subcontract
- Subcontractor
- Supplier
- Valuer
- Works

Attachments 1, 2, and 3 do not form part of the Contract.

Contract framework

This section deals with the purpose and structure of the Contract. It allocates responsibilities and sets up the procedures for making the Contract work. Underlying it are the basic principles of GC21: co-operative contracting, enhanced communication, clear definition of roles, responsibility for outcomes, and promoting best practice.

Roles and relationships

Although the parties have different responsibilities, co-operation is a key element of the Contract.

1 General responsibilities

- .1 The Contractor must:
 - .1 design and construct the Works in accordance with the Contract; and
The extent of the Contractor's Design obligations is specified in clause 39 and Contract Information item 38A.
 - .2 perform and observe all its other obligations under the Contract.
- .2 The Principal must:
 - .1 pay the Contractor the *Contract Price* for its performance, in accordance with and subject to the Contract; and
 - .2 perform and observe all its other obligations under the Contract.
- .3 The Principal may give instructions to the Contractor concerning the Works and anything connected with the Works, and the Contractor must comply at its own cost unless the Contract expressly provides otherwise.

2 Authorised persons

Contractor's Authorised Person

- .1 The Contractor must ensure that, at all times, there is a person appointed to act as the *Contractor's Authorised Person*. The *Contractor's Authorised Person* acts with the Contractor's full authority in all matters relating to the Contract. The Contractor must promptly notify the Principal of the name and contact details of the *Contractor's Authorised Person* and of any change in those details. If the Principal reasonably objects to the *Contractor's Authorised Person* at any time, the Contractor must replace that person.

Principal's Authorised Person

- .2 The Principal must ensure that, at all times, there is a person appointed to act as the *Principal's Authorised Person*. The Principal must promptly notify the Contractor of the name and contact details of the *Principal's Authorised Person* and of any change in those details.
- .3 The *Principal's Authorised Person* does not act as an independent certifier, assessor or valuer. The *Principal's Authorised Person* acts only as an agent of the Principal.
- .4 The *Principal's Authorised Person* may delegate any of its contractual functions and powers to others by written notice to the Contractor.

3 Co-operation

- .1 The parties must do all they reasonably can to co-operate in all matters relating to the Contract, but their rights and responsibilities under the Contract (or otherwise) remain unchanged unless the parties agree in writing to change them.

4 Duty not to hinder performance

- .1 Each party must do all it reasonably can to avoid hindering the performance of the other under the Contract.

5 Early warning

- .1 Each party must promptly inform the other if it becomes aware of anything that is likely to affect the time for *Completion*, or the cost or quality of the Works. The parties must then investigate how to avoid or minimise any adverse effect on the Works and *Scheduled Progress*.

- .2 Information provided by a party under clause 5.1 must not be used against that party as an admission of breach of the Contract.

6 Evaluation and monitoring

As the Contract proceeds, regular meetings (usually monthly) allow the parties and selected stakeholders to evaluate performance and identify priorities for improvement.

- .1 The parties must meet regularly to evaluate and monitor performance of the Contract.

Performance Evaluation and Performance Evaluation Record forms are provided at Attachments 2 and 3. They do not form part of the Contract and the parties may amend them to suit the specific attributes of the Contract.
- .2 The parties must decide jointly who will participate in the meetings. Participants may include Subcontractors, Suppliers, Consultants and, if appropriate, representatives of government authorities, end users and local communities. Participation in meetings does not give the participants any additional rights or responsibilities.
- .3 Nothing concerning or in connection with completed evaluation forms changes either party's rights and responsibilities, or can be relied on or used by one party against another in any proceedings.
- .4 Participants in the evaluation and monitoring meetings must meet their own costs for attendance, and the parties must share equally the other costs.

The Contract

7 The Contract

The Contract is formed by the Principal sending a Letter of Award to the Contractor, unless the Principal requires the Contract to be formed by execution of a formal agreement or deed.

- .1 The Contract is made up solely of the *Contract Documents*, which supersede all understandings, representations and communications made between the parties before the Date of Contract in relation to the subject matter of the Contract. The *Contract Documents* are:
 - .1 these GC21 General Conditions of Contract;
 - .2 the Contract Information;
 - .3 the annexed Schedules;
 - .4 the *Principal's Documents* as at the Date of Contract; and
 - .5 the other *Contract Documents* listed in Contract Information item 26.
- .2 The *Contract Documents* must be read as a whole, and anything included in, or reasonably to be inferred from, one or more documents must be read as included in all other documents, unless the context requires otherwise.
- .3 The terms of the Contract cannot be amended or waived unless both parties agree in writing.
- .4 The Principal must give the Contractor the number of copies of the *Principal's Documents* stated in Contract Information item 27.
- .5 Even where a *Letter of Award* has been used to form the Contract, the Principal may require the Contractor to execute a formal agreement or deed. If required, the Contractor must execute and return to the Principal two copies of the agreement or deed within 14 days after the Principal's written request for their execution. The Principal will return an executed copy to the Contractor.

8 Scope of the Works, Temporary Work and work methods

- .1 The Works are described in brief in Contract Information item 3 and in more detail in the *Contract Documents*, and include:
 - .1 all work specifically referred to in or contemplated by the Contract;
 - .2 all work and items necessary to achieve the effective and efficient use and operation of the Works; and
 - .3 all work and items necessary for the Works to be fit for the purposes required by the Contract.
- .2 Other work required in connection with the Contract includes:

- .1 all work and items, other than the Works, specifically referred to in or contemplated by the Contract;
 - .2 all work and items necessary to properly carry out and complete the Works; and
 - .3 all work and items reasonably inferred from the *Contract Documents* as necessary to properly perform the other obligations of the Contractor under the Contract.
- 3 The Contractor acknowledges that:
- .1 it is both experienced and expert in work of the type, complexity and scale of the Works;
 - .2 it has made full allowance in the *Contract Price* for the matters referred to in clauses 8.1 and 8.2; and
 - .3 unless the Contract expressly provides an entitlement to payment, everything required to be done by the Contractor under the Contract is to be done at the Contractor's own cost.
- 4 The Contractor acknowledges that *Variations* instructed by the Principal may change the scope of the Works.
- 5 Unless the Contract specifies, or the Principal instructs, that the Contractor use a particular work method or perform particular *Temporary Work*, the Contractor is solely responsible for determining the work methods and the requirements for all *Temporary Work*.
- 6 If requested in writing by the Principal, the Contractor must, within the time specified in the request, advise the Principal of:
- .1 its price (excluding all costs of delay or disruption) for any proposal by the Principal to use a particular work method or perform particular *Temporary Work* proposed by the Principal or to change a work method or *Temporary Work* specified in the Contract;
 - .2 the anticipated effect of the Principal's proposal on achieving *Completion*; and
 - .3 the effect of the Principal's proposal on any other matter specified by the Principal.
- 7 If the parties agree in writing on the effects of the Principal's proposal and the Principal instructs the Contractor to carry out the proposal, the *Contractual Completion Dates* and *Contract Price* must be adjusted as agreed.
- 8 Subject to clause 8.9, if the Principal instructs the Contractor to use a particular work method or perform particular *Temporary Work* or to change a specified work method or *Temporary Work* without first agreeing in writing with the Contractor the effects of the instruction, the Contractor may claim:
- .1 an extension of time in accordance with clause 50 and consequent delay costs due under clause 51, subject to the requirements of those clauses; and
 - .2 an increase in the *Contract Price* to be valued in accordance with clause 47 for any unavoidable costs incurred by it additional to what it would have incurred if the Principal had not given the instruction.
- 9 If the need for the instruction given under clause 8.8 arises from the Contractor's own act or omission, the Contractor is not entitled to any extension of time or adjustment to the *Contract Price*.
- 9 Assignment
- .1 The Contractor must not assign a right or benefit under the Contract without first obtaining the Principal's written consent.
- 10 Governing law of the Contract
- .1 The Contract is governed by the laws of New South Wales, and the parties submit to the non-exclusive jurisdiction of the courts of New South Wales.
- 11 Notices and instructions
- .1 Notices must be sent to the relevant persons at the addresses in Contract Information items 4 to 11 or 52, or at the address for service most recently notified in writing by the addressee.
 - .2 All notices must be in writing, and all instructions by the Principal must be in writing or, if given orally, must be confirmed in writing as soon as practicable.

Statutory and Government Requirements

12 Statutory Requirements

- .1 The Principal must ensure that the licences, authorisations, approvals and consents listed in Contract Information item 14 are obtained and paid for.
- .2 The Contractor is responsible for:
 - .1 compliance with all *Statutory Requirements*, subject to clause 49, except if, because of the nature of the requirement, only the Principal can comply (in which case the Contractor will perform the Works so as not to put the Principal in breach of any *Statutory Requirements*);
 - .2 giving all notices necessary to comply with *Statutory Requirements*;
 - .3 obtaining all licences, authorisations, approvals and consents necessary to carry out the work in connection with the Contract, other than those listed in Contract Information item 14; and
 - .4 the payment of all necessary fees and charges, other than those listed in Contract Information item 14.
- .3 As a condition of achieving *Completion*, the Contractor must give to the Principal originals of all licences, authorisations, approvals, consents and other documents issued by authorities or providers of services in connection with the Works or the Site.

13 Codes of Practice

NSW Code of Practice for Procurement and Implementation Guidelines

Terminology

- .1 In addition to terms defined in this document, terms used in this clause have the same meaning as is attributed to them in the New South Wales Government's Implementation Guidelines to the NSW Code of Practice for the Building and Construction Industry (NSW Guidelines) (as published by the NSW Treasury July 2013). The NSW Code and NSW Guidelines are available at www.industrialrelations.nsw.gov.au.

Primary Obligation

- .2 The parties must comply with and meet any obligations imposed by the NSW Government *Code of Practice for Procurement (NSW Code)* and the *NSW Guidelines*.
- .3 The contractor must notify the CCU and the Principal of any possible non-compliance with the NSW Code and NSW Guidelines and of remedial action taken, within 24 hours of becoming aware of the possible non-compliance.
- .4 Where the contractor engages a subcontractor or consultant, the contractor must ensure that that contract imposes on the subcontractor or consultant equivalent obligations to those in Clause 13.2 (under the heading NSW Code and NSW Guidelines), including that the subcontractor or consultant must at all times comply with, and meet any obligations imposed by, the NSW Code and the NSW Guidelines.
- .5 The contractor must not appoint or engage another party in relation to the project where that appointment or engagement would breach a sanction imposed on the other party in relation to the NSW Code or NSW Guidelines.

Access and information

- .6 The contractor must maintain adequate records of compliance with the NSW Code and NSW Guidelines by it, its subcontractors, consultants and related entities.
- .7 The contractor must allow, and take reasonable steps to facilitate, authorised personnel (including personnel of the CCU) to:
 - .1 enter and have access to sites and premises controlled by the contractor, including but not limited to the project site;
 - .2 inspect any work, material, machinery, appliance, article or facility;
 - .3 access information and documents;

- .4 inspect and copy any record relevant to the project;
- .5 have access to personnel; and
- .6 interview any person;

as is necessary for the authorised personnel to monitor and investigate compliance with the NSW Code and NSW Guidelines, by the contractor, its subcontractors, consultants, and related entities.

- .8 The contractor, and its related entities, must agree to, and comply with, a request from authorised personnel (including personnel of the CCU) for the production of specified documents by a certain date, whether in person, by post or electronic means.

Sanctions

- .9 The contractor warrants that at the time of entering into this contract, neither it, nor any of its related entities, are subject to a sanction in connection with the NSW Code or NSW Guidelines that would have precluded it from responding to a procurement process for work to which the NSW Code and NSW Guidelines apply.
- .10 If the contractor does not comply with, or fails to meet any obligation imposed by, the NSW Code or NSW Guidelines, a sanction may be imposed against it in connection with the NSW Code or NSW Guidelines.
- .11 Where a sanction is imposed:
 - .1 it is without prejudice to any rights that would otherwise accrue to the parties; and
 - .2 the State of NSW (through its agencies, Ministers and the CCU) is entitled to:
 - .1 record and disclose details of noncompliance with the NSW Code or NSW Guidelines and the sanction; and
 - .2 take them into account in the evaluation of future procurement processes and responses that may be submitted by the contractor, or its related entities, in respect of work to which the NSW Code and NSW Guidelines apply.

Compliance

- .12 The contractor bears the cost of ensuring its compliance with the NSW Code and NSW Guidelines, including in respect of any positive steps it is obliged to take to meet its obligations under the NSW Guidelines. The contractor is not entitled to make a claim for reimbursement or an extension of time from the Principal or the State of NSW for such costs.
- .13 Compliance with the NSW Code and NSW Guidelines does not relieve the contractor from responsibility to perform the works and any other obligation under the contract, or from liability for any defect in the works or from any other legal liability, whether or not arising from its compliance with the NSW Code and NSW Guidelines.
- .14 Where a change in the contract or works is proposed, and that change may, or may be likely to, affect compliance with the NSW Code and NSW Guidelines, the contractor must immediately notify the Principal (or nominee) of the change, or likely change and specify:
 - .1 the circumstances of the proposed change;
 - .2 the extent to which compliance with the NSW Code and NSW Guidelines will be, or is likely to be, affected by the change; and
 - .3 what steps the contractor proposes to take to mitigate any adverse impact of the change (including any amendments it proposes to a Workplace Relations Management Plan or Work Health and Safety Management Plan);and

the Principal will direct the contractor as to the course it must adopt within 10 Business Days of receiving notice.

RMS

- .15 The parties must comply with RMS Statement of Business Ethics available from RMS website.
- .16 The parties must comply with RMS Customer Charter available from RMS website

Building Code 2013

- .17 If required by Contract Information item 16A, the Contractor must comply with the requirements of the Building Code 2013 and Schedule 12 applies.

14 No collusive arrangements

- .1 The Contractor warrants that it has not engaged in any collusive or anti-competitive arrangement or understanding in connection with its tender for, or entry into, the Contract.
- .2 Without limiting any other right or remedy, the Principal may recover from the Contractor the value of any payment or other benefit made directly or indirectly to an unsuccessful tenderer or a trade or industry association in breach of the warranty in clause 14.1.

15 Compliance with NSW Government Requirements

- .1 The Contractor must implement and maintain the systems, strategies and plans required to comply with the following NSW Government Guidelines and as required by Contract Information item 15:
 - .1 The Work, Health and Safety Management Systems Guidelines;
 - .2 the Implementation Guidelines to the NSW Code of Practice for Procurement Building and Construction;
 - .3 the Quality Management Systems Guidelines for Construction;
 - .4 the Environmental Management Systems Guidelines;
 - .5 the Training Management Guidelines; and
 - .6 the Aboriginal Participation in Construction Guidelines.
- .2 The requirements of relevant NSW Government Guidelines are additional to any other requirements of the Contract and *Statutory Requirements*.
- .3 The Contractor must submit and implement the plans identified in Contract Information item 15 by the times stated there. Those plans must comply with all requirements of the relevant NSW Government Guidelines and the Contract.
- .4 The Contractor must:
 - .1 systematically manage its obligations under the Contract and applicable *Statutory Requirements* according to the systems, plans and procedures required under clauses 15.1 and 15.3;
 - .2 review and update its systems, plans and procedures to ensure ongoing compliance with the Contract;
 - .3 control non-conformances and undertake corrective and preventive action as and when necessary; and
 - .4 provide sufficient access to the workplace, and to information, records and other relevant documentation, resources (including personnel) and all other things necessary to allow the Principal to carry out reviews and audit of the Contractor's plans and procedures and confirm compliance with the Contract.

16 Appointment of principal contractor for WHS

- .1 Unless otherwise stated in Contract Information item 17, the Principal appoints the Contractor as principal contractor for all construction work carried out in connection with the Contract, and the Contractor must discharge the responsibilities imposed on a principal contractor by the *Work Health & Safety Regulation 2011* (NSW). The Principal authorises the Contractor to exercise such authority of the Principal as is necessary to do this.

17 The Australian Government Building and Construction OHS Accreditation Scheme

- .1 If required by Contract Information item 16B, the Contractor must maintain accreditation under the Australian Government Building and Construction OHS Accreditation Scheme (the Scheme) established by the Fair Work (Building Industry) Act 2012 (FWBI Act) while building work (as defined in section 5 of the FWBI Act) is carried out. The Contractor must comply with all conditions of Scheme accreditation.

18 Working hours and working days

- .1 The Contractor must observe:

- .1 *Statutory Requirements* which regulate working hours and working days; and
- .2 any requirements in Contract Information item 18.

19 Authorisation to release and use information

- .1 The Contractor authorises the Principal to:
 - .1 provide information about the Contractor, including information provided by the Contractor and information related to the Contractor's performance, to other Commonwealth, State or local government agencies at any time or for any reason; and
 - .2 take account of information about the Contractor, including reports of unsatisfactory performance, from any government agency or other reputable source, when deciding whether to offer the Contractor future opportunities for work.
- .2 The Contractor agrees and acknowledges that the Principal is entitled to rely on the defence of qualified privilege for the purposes of section 30 of the *Defamation Act 2005* (NSW) in making information available to others as contemplated by clause 19.1.1.
- .3 The Contractor releases and indemnifies the Principal from and against any claim, action, loss, damage, expense or liability the Principal may sustain or incur in connection with anything authorised by clause 19 or anything done by a recipient of the information.

20 Long service levy

- .1 The Contractor must:
 - .1 pay to the Long Service Corporation or that body's agent all amounts payable for the long service levy in respect of the Contractor's Work under the Building and Construction Industry Long Service Payments Act 1986 (NSW) (in this clause, the Long Service Payments Act), at the times and in the amounts as are due and payable under the Long Service Payments Act, including:
 - .1 before commencing any construction work under this contract; and
 - .2 if the Long Service Corporation serves a notice under [section 41 of] the Long Service Payments Act requiring payment of an additional amount of long service levy, within the time specified in the notice; and
 - .2 produce to *Principal's Authorised Person* the documents evidencing payment of the amounts referred to in clause 20.1.1.

21 Registration and licences

- .1 All vehicles and plant used in carrying out work in connection with the Contract must be registered as required by law.
- .2 All drivers who operate vehicles or plant in carrying out work in connection with the Contract must be licensed to operate those vehicles or plant as required by law.
- .3 Whenever requested, the Contractor must promptly provide documentary evidence of compliance with clause 21.

Management duties

22 Time management

The Contractor must actively manage progress, anticipating and responding to events to stay on schedule and achieve the *Contractual Completion Dates*.

Contract Program

- .1 The Contractor must submit a *Contract Program* to the Principal within 14 days after the Date of Contract. If the Principal so instructs, the program submitted by the Contractor with its tender is the *Contract Program* until the Contractor submits a *Contract Program*.
- .2 The *Contract Program* must:
 - .1 reflect *Scheduled Progress* and show the *Contractual Completion Dates* for the whole of the Works and all *Milestones*;
 - .2 show, and be consistent with, all constraints on access, performance and coordination;
 - .3 show the start and finish dates or, in the case of future activities, the intended start and finish dates, of all design and construction activities and other significant events;

- .4 show the logical relationship between activities and events, the sequence of activities which constitutes the critical path or paths, time leads and lags, and resource and other constraints;
 - .5 show the dates when the Contractor will require information, documents, instructions or materials from the Principal and the dates when the Contractor will provide information or documents to the Principal; these dates must be consistent with dates which the Principal could reasonably have anticipated at the Date of Contract;
 - .6 be accurate, comprehensive and complete;
 - .7 comply with any other specific requirements of the Contract, including any specified format or software; and
 - .8 comply with any reasonable requirements of the Principal.
- .3 The Contractor must update the *Contract Program* at the following times:
- .1 at least once every month; and
 - .2 whenever there is a significant change in scheduling; and
 - .3 within 7 days after receiving an instruction from the Principal to do so; and
 - .4 when required to comply with clause 50.4; and
 - .5 following the granting of an extension of time under clause 50.
- .4 Updated *Contract Programs* must take account of the Contractor's actual progress to the date of the update (status date), and must be submitted promptly to the Principal.
- .5 The Principal need not respond to the Contractor about a *Contract Program*, but if the Principal advises the Contractor that the *Contract Program* submitted does not comply with the requirements of the Contract, or otherwise instructs the Contractor, the Contractor must revise the *Contract Program* so that it complies with the requirements of the Contract and the instructions of the Principal, and must submit the revised *Contract Program* to the Principal within 7 days after receiving the Principal's advice or instructions.

Scheduled Progress

- .6 The Contractor must carry out all work in connection with the Contract so as to achieve *Scheduled Progress*.
- .7 Whenever requested, the Contractor must demonstrate to the Principal that it is achieving *Scheduled Progress*.
- .8 If the Contractor does not demonstrate to the Principal that it is achieving *Scheduled Progress*, the Principal may instruct the Contractor to take all reasonable steps to achieve *Scheduled Progress* at its own cost. An instruction under this clause is not an *Acceleration Notice*.

Minimisation of delay

- .9 When there is any change in work in connection with the Contract, or the program or sequence of the work, the Contractor must take all reasonable steps to:
 - .1 carry out any additional work concurrently with other work; and
 - .2 otherwise minimise any effects on the time for *Completion*.

23 Intellectual property

- .1 The Contractor assigns or otherwise transfers *Intellectual Property Rights* in all *Data* created specifically for the Contract, upon its creation, to the Principal. The Contractor, at its own cost, will do all things necessary, including execution of all necessary documentation, to vest ownership of all such *Intellectual Property Rights* in the Principal.
- .2 The Contractor must include provisions in all Subcontracts and agreements with Consultants to ensure that *Intellectual Property Rights* in all *Data* created specifically for the Contract are assigned or otherwise transferred to the Principal upon their creation.
- .3 The Contractor, Subcontractors and Consultants are granted royalty-free licences to use the *Data* for the purposes of the Contract.
- .4 For *Data* not created specifically for the Contract but required to use, operate, maintain, modify and decommission the Works, the Contractor must obtain irrevocable royalty-free licences to allow the Principal to use that *Data* for those purposes, including a right to sub-licence.

- .5 Licences referred to in clause 23.4 apply in perpetuity from the Date of Contract or (if the *Data* has not then been created) from the date the *Data* is created.
- .6 The Contractor is responsible for the timely payment of all royalties and fees for *Intellectual Property Rights* it uses in connection with the Contract and the Works.
- .7 The Contractor indemnifies the Principal against any claims (including *Claims*), actions, loss or damage arising out of any failure to make such payments or any infringement or alleged infringement of *Intellectual Property Rights* in relation to *Data* created or provided by the Contractor in connection with the Contract, including any related design, materials, documents or methods of working, or otherwise in the course of the Contractor's performance of the Contract
- .8 The Contractor warrants that the *Data* created or provided by the Contractor under the Contract, including any related design, materials, documents and methods of working, will not infringe any *Intellectual Property Rights*.
- .9 The Contractor must ensure that *Data* created specifically for the Contract by or for the Contractor is only used for the purposes of the Contract.
- .10 The Principal may grant the Contractor a royalty-free licence to use innovations developed during the course of the Contract for purposes agreed by the Principal.

24 Confidentiality

- .1 The Contractor must maintain all *Data* secret and confidential and disclose it only to those persons to whom disclosure is reasonably necessary for the purposes of the Contract. This provision does not relate to *Data* which is generally available to the public or which is required to be disclosed by law.

25 Media releases and enquiries

- .1 The Contractor must obtain the Principal's prior written consent to:
 - .1 any press release or promotional advertisement it wishes to make or place concerning the Contract, the Principal or the Works; and
 - .2 the release for publication in any media of any information concerning the Contract, the Principal or the Works.
- .2 The Contractor must refer any media enquiries concerning the Contract, the Principal or the Works to the Principal. The Contractor must not respond to any media enquiry without the Principal's prior written consent.
- .3 The Contractor must ensure that all Consultants, Subcontractors and Suppliers comply with clause 25 and obtain the Principal's prior written consent (through the Contractor) before doing anything which, if done by the Contractor, would require the Principal's prior written consent.
- .4 The Principal may give or refuse its consent, in its absolute discretion.

26 Care of people, property and the environment, indemnities and limitations

Obligations of care

- .1 The Contractor is responsible for all of the following:
 - .1 preventing personal injury or death;
 - .2 preventing loss or damage to the Site and the Works;
 - .3 preventing loss or damage to adjoining and other properties and the environment arising in connection with carrying out the Works;
 - .4 locating and caring for existing services;
 - .5 repairing or making good loss or damage to the Works and the Site; and
 - .6 bearing the cost of repairing, or making good, loss or damage to adjoining and other properties and the environment arising in connection with carrying out the Works.
- .2 If, in the opinion of the Principal, urgent action is required to avoid death, injury, loss or damage, and the Contractor does not take the necessary action immediately when the Principal requests it, the Principal may take the action (without relieving the Contractor of its obligations), at the Contractor's cost, and the Principal's costs of doing so will be recoverable as a deduction from the *Contract Price*.

Indemnities for property, personal injury or death

- .3 The Contractor indemnifies the Principal against loss or damage to:
- .1 the Works, from the date the Contractor begins carrying out the Works; and
 - .2 the Site and anything brought onto the Site for the purposes of the Contract from the date the Contractor is given access to the Site, or the relevant part of the Site, until and including the *Actual Completion Date* of the whole of the Works except that, in respect of any part of the Works which is occupied or taken into use by the Principal under clause 64, this indemnity ceases when that part is occupied or taken into use and the indemnity in clause 26.4 then applies as if the *Actual Completion Date* had been achieved with respect to that part.
- .4 After the *Actual Completion Date* of the whole of the Works, the Contractor indemnifies the Principal against loss or damage to the Works, the Site, and anything brought onto the Site for the purposes of the Contract:
- .1 arising out of carrying out its obligations under the Contract, including carrying out *Variations*, making good *Defects* and removing *Materials* from the Site; or
 - .2 which occurred while the Contractor indemnified the Principal under clause 26.3.
- .5 The Contractor's liability for loss or damage under clauses 26.3 and 26.4 is reduced to the extent that the loss or damage is contributed to or caused by:
- .1 any act or omission of the Principal;
 - .2 any risk specifically excepted in the Contract;
 - .3 war, invasion, act of foreign enemies, hostilities, (whether war be declared or not), act of terrorism, civil war, rebellion, revolution, insurrection or military or usurped power, martial law or confiscation by order of any Government or public authority; or
 - .4 ionising radiations or contamination by radioactivity from any nuclear fuel or from any nuclear waste from the combustion of nuclear fuel not caused by the Contractor or any of its Subcontractors, Consultants or Suppliers.
- .6 The Contractor indemnifies the Principal against the following where they arise in connection with carrying out the Works:
- .1 all damage to property other than property covered under clause 26.3;
 - .2 all claims (including *Claims*), actions, other liability, and loss, including loss of use, in connection with property other than property covered under clause 26.3; and
 - .3 all claims (including *Claims*), actions, other liability, and loss in connection with personal injury, or death.
- .7 The Contractor's liability to indemnify the Principal under clause 26.6 is reduced to the extent that the loss, damage, injury or death is contributed to or caused by an act or omission by the Principal.

Limitation of liability

- .8 Subject to clauses 26.9 and 26.10, the Contractor's total liability to the Principal under the Contract in respect of any event that occurs or a liability that arises for which insurance is required by clause 27 (Risk Event) is limited to the sum of the total aggregate limits of liability or sums insured (Policy Limits) of all insurances applicable to the Risk Event. The amount which represents the Contractor's total liability is determined by reference to the Policy Limits of the insurances, whether or not the insurance actually provides cover for the Risk Event.
- .9 Subject to clause 26.10, clause 26.8 does not limit the Contractor's liability:
- .1 in respect of liability which:
 - .1 cannot be limited at law;
 - .2 arises under clause 23 or clauses 51.6 to 51.12;
 - .3 is due to the Contractor's wilful or reckless misconduct, negligence, fraud or criminal conduct; or
 - .4 arises in connection with the Contractor's abandonment of its obligations under the Contract;

- .2 to the extent that any insurer under a policy referred to in clauses 27.12 to 27.15 inclusive seeks to exercise a right of subrogation against the Contractor;
 - .3 to the extent that (ignoring the application of clause 26.8, the Contractor is entitled to recover that liability from any other third party (including any *Subcontractor*), or would have been entitled to recover for that liability but for any act or omission of the Contractor;
 - .4 to pay interest or other amounts which the Contract expressly treats as a recoverable debt;
 - .5 for unliquidated damages in lieu of unenforceable liquidated damages; or
 - .6 for personal injury (including death) or illness to any person,
- and those liabilities will not be included in any calculation of the Contractor's total liability under clause 26.8.

Classes of excluded loss

.10 The Contractor is not liable to the Principal for:

- .1 loss of business opportunity;
- .2 loss of goodwill;
- .3 loss of contracts;
- .4 loss arising from business interruption;
- .5 loss of or corruption of data;
- .6 loss of anticipated savings; or
- .7 the cost of capital or other financing costs,

which loss or cost arises due to the performance of the work under the Contract, except to the extent that such loss or cost arises out of or in connection with:

- .8 a breach by the Contractor of the Contract; or
- .9 the Contractor's negligence.

.11 The Principal will not be liable to the Contractor for:

- .1 loss of business opportunity;
- .2 loss of goodwill;
- .3 loss of contract;
- .4 loss arising from business interruption;
- .5 loss of or corruption of data;
- .6 loss of anticipated savings; or
- .7 the cost of capital or other financing costs,

arising out of or in connection with the performance of the work under the Contract or the Contract, except to the extent that such loss or cost arises out of or in connection with:

- .8 a breach by the Principal of the Contract; or
- .9 the Principal's negligence.

Exclusion of proportionate liability

- .12 If Contract Information item 20 states that proportionate liability is excluded from the Contract then, to the extent permitted by law, the operation of Part 4 of the *Civil Liability Act 2002* (NSW), and any equivalent statutory provision, is excluded in relation to all rights, obligations and liabilities in connection with the Contract whether such rights, obligations or liabilities are sought to be enforced as a breach of contract or a claim in tort or otherwise.

27 Insurance

Principal Arranged Insurance

The following provisions apply in relation to insurance arranged by the Principal.

- .1 The Principal has effected an insurance policy or policies to cover the Principal, the Contractor and all *Subcontractors* employed from time to time in relation to the Works for their respective rights, interests and liabilities with respect to:

contract works - material damage

- .1 liability for loss or damage referred to in clauses 26.3 and 26.4, including loss or damage to *Materials* (excluding constructional plant, motor vehicles, appliances and things (including scaffolding, formwork and the like), clothing, tools and sundry equipment) of the Contractor or any *Subcontractor* used in or in relation to the carrying out of the Works or entrusted to the Contractor by the Principal for that purpose, but not forming or intended to form part of the Works; and

third party liability

- .2 liabilities to third parties of the type set out in clauses 26.1 and 26.6 and subject to the maximum limits of liability set out in Schedule 10.
- .2 The Principal may in its discretion have other insureds named or included in the policy or policies referred to in clauses 27.1.1 and 27.1.2, including any other government entity with an interest in the Works or the Site.
- .3 The policy or policies will be maintained by the Principal until the issue of the *Final Payment Schedule*.
- .4 Before the earlier of:
 - .1 10 Business Days after the Date of Contract; or
 - .2 the Contractor commencing to carry out any part of the Works,the Contractor must contact the insurance broker nominated in writing to the Contractor as the Principal's insurance broker and must provide to that person all details reasonably requested for the purpose of the insurances referred to in clauses 27.1.1 and 27.1.2.
- .5 The Contractor acknowledges that extracts of the policy terms have been exhibited to the Contractor prior to the Date of Contract and are attached as Schedule 10. Full copies of the policy terms are available for inspection by arrangement with the Principal's insurance broker.
- .6 The Contractor acknowledges that the insurance cover under clauses 27.1.1 and 27.1.2 is subject to exclusions. These are set out in the policy terms referred to in clause 27.5 and include the following exclusions:
 - .1 damages for delay in completing or for the failure to complete the Works;
 - .2 loss or damage resulting from ionising radiations or contamination by radioactivity from any nuclear fuel or from any nuclear waste from the combustion of nuclear fuel;
 - .3 loss or damage resulting from the risks listed in clauses 26.5.2 and 26.5.3; and
 - .4 matters required to be insured under clauses 27.14 or 27.15.
- .7 The Contractor shall be responsible for paying or bearing all excesses in relation to insured matters under any policy referred to in clauses 27.1.1 and 27.1.2 in accordance with the policy terms. The Contractor may effect its own insurance to cover the amount of any excess.
- .8 The Contractor acknowledges that:
 - .1 the insurances referred to in clauses 27.1.1 and 27.1.2 have been obtained at the Principal's cost; and
 - .2 the Contractor shall not be entitled to payment of any allowance for the cost of obtaining such insurances or any additional insurance cover it considers necessary in relation to the subject matter of that insurance.
- .9 The obtaining of insurance by the Principal in accordance with this clause shall not reduce, vary, or otherwise affect the Contractor's liabilities and obligations pursuant to clause 26, warranties given or otherwise under the Contract or in connection with the Works.
- .10 If there is a claim for significant damage or destruction under the policy of insurance referred to in clause 27.1.1 (as determined by the Principal, acting reasonably):
 - .1 all settlement amounts must be paid by the insurer directly to the Principal;
 - .2 the Principal may decide to have the Works reinstated, or may decide not to proceed with the Works, without creating any default by the Principal under the Contract; and
 - .3 the Contractor must reinstate the Works if instructed to by the Principal and except as otherwise provided in the Contract may only make a claim for payment for reinstatement of the Works up to the amount of any insurance settlement.
- .11 The provisions of clauses 27.23 and 27.24 also apply to insurance arranged by the Principal.

Contractor Insurance

The Contractor must comply with the following provisions relating to insurance to be effected by the Contractor or its *Subcontractors, Suppliers or Consultants*.

- .12 Before starting any work for or in connection with the Contract, the Contractor must arrange and have in place insurance (irrespective of whether it has then been invoiced by or on behalf of the insurer for the cost of the insurance premiums) for the minimum amounts specified in the applicable Contract Information item and pay all premiums for:
 - .1 Workers Compensation and related liability insurance in accordance with the requirements of the Workers Compensation Act 1987, as specified in Contract Information item 23, and where possible, extended to indemnify the Principal against statutory liability to persons employed by the Contractor;
 - .2 Professional Indemnity insurance, if required by Contract Information item 24 in the amount (if any) set out in Contract Information item 24; and
 - .3 either comprehensive motor vehicle/mobile plant insurance or third party property damage insurance, as specified in Contract Information item 25A, and where possible in the joint names of the Principal, the Contractor and all *Subcontractors* employed from time to time in relation to the Works for their respective rights and interests to cover their liabilities to third parties in connection with the use of each motor vehicle in relation to the Contract.
- .13 The Contractor must ensure that every *Subcontractor, Supplier and Consultant* is insured at all times for Workers Compensation and related liability in accordance with the requirements of the Workers Compensation Act, 1987.
- .14 If any work for or in connection with the Contract includes asbestos decontamination, the Contractor must pay all premiums and insure under an asbestos liability policy of insurance to cover risks with asbestos decontamination work, as specified in Contract Information item 24A.
- .15 If any work for or in connection with the Contract includes the use of waterborne craft of 8 or more metres in length, the Contractor must pay all premiums and insure under a marine liability policy and a marine protection and indemnity policy to cover the use of such craft, as specified in Contract Information item 25.
- .16 The Contractor must obtain the written approval of the Principal for all of its insurers and for the terms and conditions of the policies and provide copies of the approved policies to the Principal.
- .17 The Contractor must ensure that each policy required to be effected and maintained under the Contract or under *Subcontracts* is in effect for the relevant period specified in the applicable Contract Information item.
- .18 All policies must:
 - .1 require the insurer to notify the Principal (other than in relation to Workers Compensation and professional indemnity) at the same time as the insurer receives or gives any notice concerning the policy, and at least 7 days before any proposed cancellation of a policy; and
 - .2 provide that a notice of claim given to the insurer by the Principal, the Contractor, or a *Subcontractor, Supplier or Consultant* will be accepted by the insurer as a notice of claim given by all of the insured.
- .19 The policies referred to in clauses 27.14 and 27.15 must be in the name of the Contractor with the Principal as an additional named insured and must cover the Contractor, the Principal, the *Principal's Authorised Person* and all *Subcontractors, Suppliers and Consultants* employed from time to time for or in relation to the Contract and the Works for their respective rights and interests and cover their liabilities to third parties.

These policies must also include a cross-liability clause in which the insurer agrees to waive all rights of subrogation or action against any of the persons covered and for the purpose of which the insurer accepts the term 'insured' as applying to each of the persons covered as if a separate policy of insurance had been issued to each of them (subject always to the overall sum insured not being increased as a result).

The Contractor must:

- .1 ensure that in respect of each insurance required to be effected or taken out as required by clause 27 by the Contractor or any *Subcontractor*, *Supplier* or *Consultant*, it:
 - .1 does not do anything which prejudices any insurance;
 - .2 if necessary, rectifies anything which might prejudice any insurance;
 - .3 reinstates an insurance policy if it lapses;
 - .4 does not cancel, vary or allow an insurance policy to lapse without the prior written consent of the Principal;
 - .5 immediately notifies the Principal of any event which may result in an insurance policy lapsing or being cancelled; and
 - .6 gives full, true and particular information to the insurer of all matters and things the non-disclosure of which might in any way prejudice or affect any such policy or the payment of all or any benefits under the insurance;
 - .2 ensure that any insurance required to provide coverage to *Subcontractors* acknowledges that the same coverage applies to *Suppliers* and *Consultants*;
 - .3 ensure that any non-disclosure by one insured does not prejudice the right of any other insured to claim on the policy; and
 - .4 ensure that a notice to the insurer by one insured will be deemed to be notice by all insured parties.
- .20 Before the Contractor starts any work for or in connection with the Contract and whenever requested in writing by the Principal, the Contractor must supply proof that all insurance policies required under the Contract are current. However, for asbestos decontamination work, the proof must be supplied initially within 60 days after starting that work.
 - .21 The Principal need not make any payment under the Contract to the Contractor unless the Contractor has complied with and continues to comply with clause 27.20.
 - .22 If the Contractor fails to comply with clauses 27.12, 27.14, 27.15, and 27.20, the Principal may effect and maintain that insurance and pay the necessary premiums. The Principal may recover from the Contractor the cost of the premiums and the Principal's reasonable costs of effecting and maintaining the insurance, as a debt due by the Contractor.
- Insurance notification and liability
- .23 The Contractor must, as soon as practicable, inform the Principal in writing of the occurrence of an event that may give rise to a claim under a policy of insurance effected as required by the Contract and must ensure that the Principal is kept fully informed of subsequent action and developments concerning the claim. The Contractor must take such steps as are necessary or appropriate to ensure that a *Subcontractor*, *Supplier* or *Consultant* (as applicable) will, in respect to an event or claim of a like nature arising out of or relating to the operations or responsibilities of the *Subcontractor*, *Supplier* or *Consultant* (as applicable), take in relation to the Principal similar action to that which the Contractor is required to take under this clause 27.23.
 - .24 The requirements for insurance to be effected and maintained do not affect or limit the Contractor's liabilities (including, without limitation, indemnities given under clause 26) or other obligations under the Contract.

Subcontractors, Suppliers and Consultants

Contractual relationships between the Contractor and Subcontractors, Suppliers and Consultants must be on a similar basis to those between the Principal and Contractor. Clause 31 specifies which requirements apply to Consultants and Suppliers.

28 Subcontractor relationships

- .1 The Contractor is solely responsible for all Subcontractors (including Subcontractors engaged in accordance with clause 29.3) and is liable for their acts and omissions as if such acts or omissions were those of the Contractor. Subcontracting of any obligation under the Contract does not affect the Contractor's obligations or liability under the Contract.
- .2 The Contractor indemnifies the Principal against all claims (including *Claims*), actions, loss or damage and all other liability arising out of any acts or omissions of Subcontractors.
- .3 The Contractor must include in every Subcontract:

- .1 details of the Contractor's obligations in connection with the Contract which are to be carried out by the Subcontractor;
 - .2 the relevant provisions of clauses 13, 14, 15, 23, 24 and 25;
 - .3 consent for the Subcontract to be novated to the Principal or its nominee, if required by the Principal in the circumstances contemplated by clause 73.6.3; and
 - .4 when possible, a right of termination for convenience.
- .4 In addition, the Contractor must include:
- .1 in each Subcontract with a Subcontractor valued at or over the amount stated in Contract Information item 29, written provisions giving effect to the requirements set out in Schedule 9 (Subcontract requirements); and
 - .2 in each Subcontract with a Subcontractor valued below the amount stated in Contract Information item 29, a written provision requiring the Contractor to pay the Subcontractor within the number of days stated in Contract Information item 30 after the Subcontractor has claimed payment in accordance with the Subcontract.

29 Engaging Subcontractors

- .1 The Contractor must not subcontract the whole of the Works, but may subcontract parts of the Works in accordance with clauses 28 and 29.
- .2 If requested, before engaging any Subcontractor and at any other time, the Contractor must provide the Principal with the name and address of the proposed Subcontractor. The Principal may object to the appointment of any proposed Subcontractor on reasonable grounds. If the Principal objects to any proposed Subcontractor, the Contractor must propose another Subcontractor.
- .3 If Contract Information item 31 includes a list of *Preferred Subcontractors* for a particular class of work, the Contractor must only engage a Subcontractor from that list for work of that class. If no *Preferred Subcontractor* on the list will subcontract to carry out the work, the Contractor must provide a revised list and the provisions of clause 29.2 will apply.
- .4 If instructed by the Principal, the Contractor must accept novations of the contracts of specified Principal's consultants, contractors or suppliers, on the terms specified in the Contract.

30 Subcontractor warranties

- .1 For each trade, item or area of work listed in Contract Information item 32, the Contractor must obtain from each relevant Subcontractor, before that Subcontractor completes its work, a warranty to the Principal in the form of Schedule 1 (Subcontractor's Warranty).
- .2 Clause 30.1 does not affect any of the Contractor's other obligations under the Contract.

31 Consultant and Supplier relationships

- .1 Clauses 28.1, 28.2, 28.3 and 29 apply to Consultants in the same way they apply to Subcontractors.
- .2 Clauses 28, 29 and 30 apply to Suppliers in the same way they apply to Subcontractors, unless the context requires otherwise.

Carrying out the Works

This section deals with design and construction activities. It contains provisions that apply to the physical carrying out of the Works and also covers procedures for payment.

Starting

32 Start-up workshop

The start-up workshop is held to encourage the parties and others concerned with the Works to work co-operatively towards achieving a successful Contract. Start-up workshop guidance material is provided at Attachment 1 and does not form part of the Contract.

- .1 The Principal must convene a start-up workshop within 28 days after the Date of Contract or such other period as the parties agree.
- .2 The parties must attend the start-up workshop and must jointly decide who else will attend. Clause 6.4 applies to the costs of the workshop.
- .3 The objective of the start-up workshop is to promote a culture of co-operation and teamwork for the management of the Contract. The parties agree to conduct the workshop collaboratively so as to achieve this objective.

33 Undertakings

The Contractor is required to give the Principal unconditional *Undertakings* to pay on demand, provided by financial institutions on the Contractor's behalf.

- .1 Within 14 days after the Date of Contract (and before starting work on the Site), the Contractor must give the Principal the *Completion Undertaking* and the *Post-Completion Undertaking* for amounts calculated in accordance with Contract Information items 33 and 34 respectively. The *Undertakings* must be in the form specified in Schedule 2 (Undertaking).
- .2 Unless the Principal has made or intends to make a demand against an *Undertaking*, the Principal must return the *Undertakings* (or, if applicable, the balance remaining after a demand on the *Undertakings*) to the Contractor as follows:
 - .1 the *Completion Undertaking* within 14 days after the *Actual Completion Date* of the whole of the Works; and
 - .2 the *Post-Completion Undertaking* at the end of the period stated in Contract Information item 35 after the *Actual Completion Date* of the whole of the Works provided that at that time:
 - .1 there are no outstanding *Defects* or unresolved *Issues*; and
 - .2 there are no moneys of any nature, including debts, damages and indemnity claims, payable by the Contractor to the Principal.
- .3 When any of the circumstances in clause 33.2.2 apply, the *Post-Completion Undertaking* will be returned when those circumstances no longer apply.
- .4 When *Completion* of a *Milestone* is achieved, the Principal may (in its absolute discretion) agree to a proportionate reduction in the amount held as *Undertakings*, based on the proportion of the Works included in the *Milestone*.
- .5 *Undertakings* must be provided by a bank, building society, credit union or insurance company acceptable to the Principal.
- .6 The Contractor must not take any steps to prevent the Principal making a demand against the *Undertakings*, or to prevent the provider of an *Undertaking* from complying with the *Undertaking* or any demand by the Principal.

34 Site access

- .1 The Principal must give the Contractor access to sufficient of the Site to allow the Contractor to start work by the later of:
 - .1 when the Contractor has complied with relevant requirements of the Contract; and
 - .2 the time stated in Contract Information item 13.

- .2 If the Principal does not give the Contractor access to the Site as required by clause 34.1, the Contractor has no remedy or entitlement other than:
 - .1 an extension of time in accordance with clause 50 and consequent delay costs due in accordance with clause 51; and
 - .2 when an entitlement arises under clause 75, to terminate the Contract.
- .3 The Contractor must permit the Principal, including its authorised employees and agents, to have access to the Site and to the premises of the Contractor at all reasonable times and must arrange for equivalent access to premises of Subcontractors, Suppliers and Consultants. The Principal may require access for any reasonable purpose connected with the Contract, including surveillance, audit, inspection, *Testing*, certification and recording of information.
- .4 Without limiting any other requirement, the Contractor must meet all its obligations under the Contract to provide *Undertakings* and effect insurance before it is entitled to start any work for or in connection with the Contract.

Refer to clauses 27 (Insurance) and 33 (Undertakings).

35 Engagement and role of Valuer

Refer to Schedule 4 (Agreement with Valuer), under which the Valuer makes determinations about value and time under clauses 47 and 50.

- .1 If Contract Information item 50A states that a Valuer must be engaged or if the parties agree to engage a Valuer, then:
 - .1 the parties, acting reasonably, must endeavour to agree in writing on the identity of the Valuer within 21 days after the Date of Contract or, failing agreement, the Principal must request the person named in Contract Information item 50B to select the Valuer;
 - .2 within a further 21 days after the date of selection of the Valuer, the Principal and the Contractor must jointly engage the Valuer using the form in Schedule 4 (Agreement with Valuer); and
 - .3 a Valuer's certificate will be final and binding unless the net amount of the Valuer's determination (excluding any amount for interest) exceeds the amount stated in Contract Information item 50C, in which case either party may commence litigation in respect of the matters referred to the Valuer, but only within 56 days after receiving the determination.
- .2 The parties may agree at any time to engage a Valuer in accordance with this clause, either for a single valuation or on an ongoing basis. When the parties agree to engage a Valuer after the Date of Contract, "Date of Contract" for the purposes of clause 35.1.1 refers to the date the parties agree to appoint the Valuer.

The Site

36 Site information

- .1 The parties acknowledge that:
 - .1 at the Date of Contract, the Principal has provided in good faith the information concerning the Site identified in Contract Information items 36A and 36B;
 - .2 the information identified in Contract Information items 36A and 36B does not form part of the Contract;
 - .3 the Principal does not guarantee the completeness of the information identified in Contract Information item 36A;
 - .4 the Principal does not guarantee the accuracy, quality or completeness of the information identified in Contract Information item 36B; and
 - .5 the Principal has no duty of care in connection with information identified in Contract Information item 36B, or with having provided it.

Other information concerning the Site may be included in the Contract.
- .2 The Contractor warrants that it:
 - .1 has made its own inquiries concerning the Site, including checking information provided by the Principal;

- .2 has examined the Site and surrounds and satisfied itself through its own investigation as to the *Site Conditions* which might reasonably be expected;
- .3 has made its own assessment of the risks, contingencies and other circumstances which might affect the work in connection with the Contract and has allowed fully for these in the *Contract Price* (subject to clause 37);
- .4 did not in any way rely on the completeness of the information identified in Contract Information item 36A other than as a guide for ascertaining what further Site information the Contractor considers it needs to obtain;
- .5 did not rely on the accuracy, quality or completeness of information identified in Contract Information item 36B; and
- .6 has made its own interpretations, deductions and conclusions and did not in any way rely on interpretations, deductions and conclusions made by or for the Principal.

37 Site Conditions

- .1 The Contractor is solely responsible for dealing with any adverse *Site Conditions*:
 - .1 so as to minimise delay;
 - .2 so as to minimise increased costs; and
 - .3 without awaiting any instruction from the Principal,
 but must comply with any instruction given by the Principal
- .2 Clauses 37.3 to 37.8 do not apply if it is stated in Contract Information item 37 that the Contractor is to bear the risk of adverse *Site Conditions*.
- .3 Subject to clause 37.2, if the Contractor becomes aware of adverse *Site Conditions* that differ materially from those it should reasonably have expected at close of tenders, the Contractor must notify the Principal in writing as soon as possible and in any event within 7 days after becoming aware of those *Site Conditions*. Where practicable, the notification should be given before the *Site Conditions* are disturbed. The notification must include details of:
 - .1 the *Site Conditions* the Contractor claims are adverse;
 - .2 the manner in which the Contractor contends they differ materially from the *Site Conditions* the Contractor should reasonably have expected at close of tenders (having regard to the warranty in clause 36.2), including any information supporting this contention;
 - .3 the effect on the Works;
 - .4 the effect on achieving *Completion*;
 - .5 the additional work and resources involved and the Contractor's estimate of its entitlement to any adjustment to the *Contract Price*; and
 - .6 any other matters the Contractor considers relevant.
- .4 The Principal may request the Contractor to provide further information about the matters notified under clause 37.3.
- .5 After considering the Contractor's notification under clause 37.3, the Principal must notify the Contractor whether it agrees with the Contractor's contentions under clause 37.3.1 and 37.3.2 as to the nature of the conditions encountered and whether or not the Contractor should reasonably have expected them.
- .6 If the Principal agrees that there are adverse *Site Conditions* that differ materially from those the Contractor should reasonably have expected at the close of tenders and the Contractor has given the notice required by clause 37.3:
 - .1 the parties may agree in writing as to the effects of the unexpected adverse *Site Conditions* (including any *Variation* necessary), and any affected *Contractual Completion Dates* and the *Contract Price* must be adjusted as agreed;
 - .2 if the parties are unable to agree in writing as to the effects of the unexpected adverse *Site Condition*, the Principal may instruct a *Variation* and clause 48 applies to the *Variation*;
 - .3 in addition to the entitlements the Contractor has as a result of any *Variation* instructed under clause 37.6.2, the Contractor may also claim:

- .1 an extension of time in accordance with clause 50 and any consequent delay costs due under clause 51, for any delay incurred by it as a result of the unexpected adverse *Site Conditions* that has not been taken into account in any extension of time granted as a result of the *Variation*; and
- .2 an increase in the *Contract Price* to be valued in accordance with clause 47 for any unavoidable additional costs incurred by the Contractor as a result of the unexpected adverse *Site Conditions*, but excluding any costs included in the valuation of the *Variation*; and
- .4 if no *Variation* is instructed in clause 37.6.2, the Contractor may claim:
 - .1 an extension of time in accordance with clause 50 and consequent delay costs due under clause 51; and
 - .2 an increase in the *Contract Price* to be valued in accordance with clause 47 for any unavoidable additional costs incurred by the Contractor as a result of the unexpected adverse *Site Conditions*.
- .7 If the Principal does not agree with the Contractor's contentions under clauses 37.3.1 and 37.3.2, the Contractor may notify an *Issue* under clause 69.
- .8 Costs and delay incurred by the Contractor as a result of unexpected adverse *Site Conditions* before it gave the notice required by clause 37.2 must not be counted in any valuation or extension of time.

Design

The Contractor always has some design, design coordination and design management responsibility. The extent of design by the Contractor may be as little as shop detailing, as much as the full design of the Works, or something in between.

38 Faults in Contract Documents

- .1 The Contractor must check the *Contract Documents* and notify the Principal of *Faults* in any *Contract Documents* at least 21 days before the Contractor proposes to use those *Contract Documents*.
- .2 The Principal must resolve any *Fault* notified under clause 38.1.
- .3 If the Contractor has notified the Principal of a *Fault* in accordance with clause 38.1, then subject to clause 38.4:
 - .1 to the extent that the Principal resolves the *Fault* by instructing a *Variation*, clause 48 applies; and
 - .2 to the extent that the Principal resolves the *Fault* other than by instructing a *Variation*:
 - .1 if the resolution delays the Contractor in achieving *Completion*, the Contractor may claim an extension of time and delay costs due in accordance with clause 51, or the Principal may assess a reduction of time in accordance with clause 50; and
 - .2 if the resolution results in the Contractor incurring costs that are greater or less than the Contractor should reasonably have foreseen at the close of tenders, the *Contract Price* may be increased or decreased in accordance with clause 47.
- .4 If the Principal resolves a *Fault* in the *Contract Documents* that was not notified in accordance with clause 38.1, the Contractor is not entitled to any costs for delay or the cost of any aborted work.

39 Design by Contractor and Contractor's Documents

Design responsibilities

- .1 The Contractor must carry out all design, including completion of design provided by the Principal, necessary in connection with the Works, including:
 - .1 design, design development, documentation, workshop detailing and coordination of design and the interaction of the various disciplines;
 - .2 development of the design provided by the Principal for elements referred to in Contract Information item 38A.1; and
 - .3 full design by the Contractor of elements referred to in Contract Information item 38A.2.

- .2 The Contractor must carry out its design responsibilities so that the Works are fit for the purposes required by the Contract and comply with the other requirements of the Contract.
- .3 The Contractor's design responsibilities are reduced to the extent that the Works are not fit for a purpose required by the Contract because of the design provided by the Principal.
- .4 Subject to clause 39.6, design or design development does not constitute a *Variation* or reduce the Contractor's design responsibilities under clause 39.

Departures from the design provided by the Principal

- .5 Subject to clause 39.7, the Contractor must not depart from the design provided by the Principal unless instructed in writing by the Principal.
- .6 If the Contractor considers that some departure from the design provided by the Principal is desirable to ensure the effectiveness and efficiency of the Works, then the Contractor may propose a *Variation* under clause 48.
- .7 In carrying out the design and design development of the elements referred to in Contract Information item 38A.3, the Contractor may depart from the design provided by the Principal, but only to the extent that:
 - .1 any such departure does not adversely affect the construction, operation or maintenance of the Works or their performance or fitness for the purposes required by the Contract; and
 - .2 the Contractor has notified the Principal in writing (specifying that it relates to a proposed departure from the design) of the proposed departures and the Principal has not notified the Contractor of any objection within 7 days after receiving the notification.

Design review

- .8 To the extent specified in the Contract, the Contractor must review its design in consultation with persons nominated by the Principal, and develop the design and the *Contractor's Documents* allowing for any matters identified in the review.

Contractor's Documents

- .9 The Contractor must produce *Contractor's Documents* which:
 - .1 will ensure that the Works are fit for the purposes required by the Contract; and
 - .2 meet the requirements of all of the following:
 - .1 the Contract;
 - .2 *Statutory Requirements*;
 - .3 the Principal's instructions;
 - .4 the Building Code of Australia (if stated in Contract Information item 38B) and relevant Australian Standards; and
 - .5 if no other standard is specified in the Contract, good industry standards applicable to the Works.
- .10 The requirements of clause 39.9 are not affected by any *Variation*.

40 Submitting Contractor's Documents

- .1 Unless the Contract provides otherwise, the Contractor must submit *Contractor's Documents* to the Principal at least 21 days before the date the Contractor proposes to use them for procurement, manufacture, fabrication or construction. *Contractor's Documents* must be submitted progressively with sufficient detail to demonstrate what is proposed. The number of copies must be as stated in Contract Information item 28.
- .2 The Principal need not respond to the Contractor about the *Contractor's Documents*.
- .3 If the Principal objects to the *Contractor's Documents*, the Contractor must take the objections into account and discuss them with the Principal. The Contractor must correct any *Fault*, error or omission in the *Contractor's Documents*.
- .4 Nothing the Principal does or omits to do in connection with the *Contractor's Documents* makes the Principal responsible for the *Contractor's Documents*, or prevents the Principal from relying on or enforcing any right under the Contract or otherwise.

41 Innovation

Clause 41 provides an incentive to the Contractor to improve its service to the Principal by innovation. If the Principal accepts the Contractor's proposal, the Contractor benefits from the *Variation* and the Principal benefits from the value added to the Works through reduced operating or maintenance costs or other savings.

- .1 The Contractor may submit in writing to the Principal, a proposal for changes to the Works, including the design or *Materials*, which are likely to offer significant benefits (including long-term or repeated benefits) to the Principal. The proposal must include details of:
 - .1 the proposed change to the Works and the proposed change in the Contract Price;
 - .2 potential risks to the Principal and the Contractor if the proposal is accepted;
 - .3 any changes required to Contractual Completion Dates;
 - .4 projected changes in operating and maintenance costs;
 - .5 projected changes in whole-of-life costs;
 - .6 any other benefit the Principal will receive; and
 - .7 any benefit the Contractor will receive.
- .2 The proposal must not include anything which might adversely affect the construction, operation or maintenance of the Works or their performance or fitness for the purposes required by the Contract.
- .3 The Principal must consider the Contractor's proposal, but is not bound to accept it. The Principal may accept the proposal subject to conditions. No *Claim* will arise out of the Principal's consideration of, or failure to accept, any proposal.
- .4 Before any proposal proceeds, the parties must agree on the financial benefit each will receive. The share of the financial benefit of any proposal to be paid to the Contractor must be agreed between the parties, unless Contract Information item 39 states the proportion of any savings that must be shared between the Contractor and the Principal.

Construction

42 Setting out the Works and survey

- .1 The Contractor must set out the Works in accordance with the Contract.
- .2 The Contractor may request from the Principal any additional information that is necessary for setting out the Works and is not included in the *Contract Documents*. Such a request must be made at least 14 days before the information is planned to be used for setting out. As soon as practicable, the Principal must provide any additional information which it has or can reasonably obtain.
- .3 If at any time the Contractor discovers or is made aware of any error in the location, level, dimensions or alignment of the Works:
 - .1 the Contractor must notify the Principal; and
 - .2 unless instructed otherwise by the Principal, the Contractor must rectify the error to ensure that the Works comply with the Contract.
- .4 If an error notified in accordance with clause 42.3.1 is due to a *Fault* in the *Contract Documents*, clause 38 applies.
- .5 The Contractor must give the Principal a copy of a survey showing the Works as constructed on the Site, including the relationship of the Works to any relevant property boundaries, easements (including any right of way) and improvements on the Site. If requested in writing by the Contractor, the Principal may agree in writing that certain matters can be excluded from the survey. The survey must be carried out by a registered surveyor or other surveyor to whom the Principal has no objection.

43 Construction

- .1 The Contractor must supply all *Materials* and construct the Works in accordance with all of the following:
 - .1 the Contract;
 - .2 the Contractor's Documents;

- .3 Statutory Requirements;
- .4 the Principal's instructions;
- .5 the Building Code of Australia (if stated in Contract Information item 38B) and relevant Australian Standards; and
- .6 if no other standard is specified in the Contract, good industry standards applicable to the Works.

44 Testing

- .1 The Contractor must *Test*, all parts of the Works that are specified in the Contract to be *Tested*, give the Principal the opportunity to witness the *Tests* by giving reasonable notice, and make the results available to the Principal.
- .2 The Principal may instruct the Contractor at any time to carry out any other *Test* of any part of the Works.
- .3 The Principal must pay for any *Test* instructed under clause 44.2, as an addition to the *Contract Price*, if the results of the *Test* show compliance with the Contract. Otherwise the Contractor bears the cost, including any costs of opening up and reinstating any part covered up.
- .4 The Contractor must make good any part of the Works where *Testing* has not shown compliance with the Contract and must repeat the *Testing*, at its own cost, until the results of the *Tests*, as reported in writing to the Principal, confirm that the Works comply with the Contract.

45 Defects

The Principal considers the Contractor to be an expert in the design and construction of the Works and holds the Contractor responsible for its work. The Principal requires *Completion* to be defect-free.

These *Defects* provisions are to ensure that the Works are constructed to the standards required by the Principal. The Principal can also rely on its common law rights. Also refer to clause 67 which deals with *Defects* after *Completion*.

- .1 The Contractor must identify and promptly make good all *Defects* so that the Works comply with the Contract.
- .2 At any time before *Completion*, the Principal may instruct the Contractor to make good *Defects* within the time specified in a *Defect Notice*.
A similar provision applies after Completion under clause 67.1.
- .3 If the Contractor fails to make good the *Defects* in the time specified in the *Defect Notice*, the Principal may have the *Defects* made good by others and then:
 - .1 the cost of doing so will be a debt due from the Contractor to the Principal; and
 - .2 the Contractor will be responsible for the work involved in making good the *Defects* as if the Contractor had carried out the work.
- .4 Nothing in clause 45 reduces the Contractor's warranties and other liabilities and obligations under the Contract, or affects the Principal's common law right to damages or any other right or remedy.
- .5 If at any time before *Completion* the Contractor becomes aware of any defect or deficiency which results from design or other work or actions for which it is not responsible, it must:
 - .1 promptly notify the Principal; and
 - .2 carry out any *Variation* instructed by the Principal to make good the defect or deficiency.

46 Acceptance with Defects not made good

- .1 The Principal, in its absolute discretion, may agree that specific *Defects* need not be made good.
- .2 Before the Principal does so, the Principal may propose reductions from the *Contract Price* and any terms it requires, and:
 - .1 If the Contractor agrees with the proposed reductions and terms, the *Contract Price* must be adjusted accordingly.
 - .2 If the Contractor agrees with the proposed terms but not with the proposed reductions, the appropriate decrease in the *Contract Price* will be valued in accordance with clause 47. A valuation of this kind must take into account any increased future costs, loss of income or reduction in asset life.

- .3 If the parties do not agree in writing on the Principal's proposed terms, the Contractor must make good the *Defects* identified by the Principal.
- .3 The Contractor remains liable for all *Defects* (whether known or not known) other than the specific *Defects* identified, in a written agreement made under clause 46, as not to be made good.

Changes to work and time

47 Valuation of changes

- .1 When the Contract provides for valuation of an increase or decrease in the *Contract Price* or requires a valuation to be made in accordance with clause 47, the process and principles set out below apply.
- .2 If a Valuer is engaged, either party may by giving notice to the other party and to the Valuer, request the Valuer to determine the increase or decrease in the *Contract Price*. If no Valuer is engaged at the relevant time, the parties may agree to engage a Valuer for the purposes of making the valuation.
- .3 If no Valuer is engaged and the parties do not agree to engage a Valuer, the Principal will assess the amount of the increase or decrease in the *Contract Price*, applying the valuation principles set out in clauses 47.5 to 47.10.

The Contractor may dispute the Principal's assessment of an increase or decrease by giving notice of an *Issue* in accordance with clause 69. Clause 35.1.3 applies to a determination of the Valuer.

- .4 Regardless of the appointment of a Valuer or any other provision of clause 47, if the valuation relates to additional work, the Principal may instruct the Contractor to carry out additional work as *Daywork* and the requirements of Schedule 8 (*Daywork*) apply.

Valuation principles

- .5 Subject to clause 47.8, the value of additional or increased work is to be determined or assessed as the sum of:
 - .1 the additional reasonable direct cost to the Contractor including labour, *Materials* and plant of the additional or increased work (not including the *Contractor's Margin*);
 - .2 the additional reasonable costs to the Contractor of Subcontractor and Consultant work involved in carrying out the additional or increased work (not including the *Contractor's Margin*); and
 - .3 an additional amount for the *Contractor's Margin*, calculated as the percentage stated in Contract Information item 44 of the total of the costs under clauses 47.5.1 and 47.5.2,
- .6 The value of decreased or omitted work and any reduction in costs under clause 38, is to be determined or assessed as that of work or costs included in the *Contract Price* based on the rates and lump sums in the Contract or, if there are no applicable rates or lump sums in the Contract, on the basis of reasonable rates and prices applying at the close of tenders. The deduction must include a reasonable amount for any time-dependent costs which will not be incurred by the Contractor and profit on the decreased or omitted work.
- .7 Subject to clause 47.8, the value of a claim for unavoidable additional costs (where the Contractor is entitled to make one) is to be determined or assessed as the sum of:
 - .1 the value of any additional or increased work necessary and unavoidable to respond to the circumstances that arose, after taking all reasonable steps to minimise the impact of those circumstances; and
 - .2 any other reasonable costs incurred by the Contractor that were necessary and unavoidable to respond to the circumstances that arose, after taking all reasonable steps to minimise the impact of those circumstances (excluding any costs the Contractor would have incurred if the circumstances had not arisen).

The Contractor is entitled to claim unavoidable additional costs under clauses 8.8, 37.6 and 53.3 when the conditions of those clauses are satisfied.

- .8 A valuation under clauses 47.5 and 47.7 must not include:
 - .1 any costs, losses or expenses attributable to any default or negligence of the Contractor, Subcontractors or Consultants;

- .2 any amount for costs that the Contractor would have incurred anyway or should reasonably have allowed for at the Date of Contract;
 - .3 any allowance for delay or delay costs; or
 - .4 any amount that the Contractor is not entitled to claim under clause 37.8 or 49.6.
- .9 A valuation under clause 46 must take into account the specific matters required by that clause.
- .10 When a valuation under clause 47 relates to a *Variation* or to any other circumstance where any *Contractual Completion Date* may require adjustment, the applicable extension or reduction of time and any delay costs due are to be determined at the same time and by the same entity (Valuer or Principal, as the case may be) as the valuation.

Application of adjustments

- .11 The *Contract Price* must be adjusted as determined or assessed under clause 47.

48 Variations

Instructing and commencing Variations

- .1 The Principal may instruct a *Variation* in writing at any time before *Completion* of the whole of the Works (and after *Completion* in accordance with clause 67.1.3) and the Contractor must comply.
- .2 Unless instructed otherwise by the Principal, the Contractor must not start carrying out a *Variation* until its effect on achieving *Completion* and its value have been agreed in writing or, if they have not been agreed, the necessary adjustments have been determined or assessed in accordance with clause 47.
- .3 If requested in writing by the Principal, the Contractor must, within the time specified in the request, advise the Principal of:
- .1 its price (excluding all costs of delay or disruption) for a proposed *Variation*;
 - .2 the anticipated effect of the proposed *Variation* on achieving *Completion*; and
 - .3 the effect of the proposed *Variation* on any other matter specified by the Principal.
- .4 If the parties have agreed in writing on the effects of a proposed *Variation*, and the Principal instructs the Contractor to carry out the *Variation*, the *Contractual Completion Dates* and the *Contract Price* must be adjusted as agreed.
- .5 If the parties have not agreed in writing on the effects of a proposed *Variation*, the Principal may instruct the *Variation* and then:
- .1 any consequent adjustment of the *Contract Price* will be determined or assessed in accordance with clause 47; and
 - .2 the Contractor may claim an extension of time or the Principal may assess a reduction in time in accordance with clause 50.

Variations proposed by the Contractor

- .6 The Contractor may make a written proposal for a *Variation* for the Contractor's convenience.
- .7 The Principal may accept the Contractor's proposal but is not obliged to do so. The Principal's acceptance may be subject to conditions, including that the *Variation* is at the Contractor's risk. If the Principal accepts the Contractor's proposal, the Principal must instruct a *Variation*, stating any conditions, and make any agreed adjustments to the affected *Contractual Completion Dates* and the *Contract Price*.
- .8 If the Contractor considers that a *Variation* is necessary but the Principal has not instructed a *Variation*, the Contractor must notify the Principal within 7 days after the Contractor should reasonably have known that a *Variation* was necessary.
- .9 If the Principal does not agree that a *Variation* is necessary, all issues relating to the claimed *Variation* must be dealt with under clauses 68 to 71.
- .10 The Contractor acknowledges that development of the design by the Contractor does not constitute a *Variation*.

49 Changes to Statutory Requirements

- .1 If the Contractor becomes aware of changes in *Statutory Requirements* that require a change to work in connection with the Contract (not including changes that the Contractor should reasonably have expected at close of tenders), the Contractor must notify the Principal in

writing within 7 days after becoming aware of the changes in *Statutory Requirements*. The notification must include details of:

- .1 the changes to *Statutory Requirements*;
 - .2 why the changes to *Statutory Requirements* should not reasonably have been expected by the Contractor at close of tenders;
 - .3 the changes to work in connection with the Contract that the Contractor considers necessary;
 - .4 any delays in achieving *Completion*;
 - .5 any additional work and resources involved and the Contractor's estimate of its entitlement to any adjustment to the *Contract Price*; and
 - .6 any other matters the Contractor considers relevant.
- .2 The Principal may request the Contractor to provide further information about the matters notified under clause 49.1.
 - .3 After considering the Contractor's notification under clause 49.1, the Principal must notify the Contractor whether it agrees with the Contractor's contentions under clause 49.1.1 and 49.1.2 as to the change in *Statutory Requirements* and whether or not the Contractor should reasonably have expected them.
 - .4 If the Principal agrees that there are changes in *Statutory Requirements* that require changes to the work in connection with the Contract (that the Contractor should not reasonably have expected at the close of tenders) and if the Contractor has given the notice required by clause 49.1 then:
 - .1 the parties may agree in writing as to the effects of the change in *Statutory Requirements* (including any *Variation* necessary), and any affected *Contractual Completion Dates* and the *Contract Price* must be adjusted as agreed; and
 - .2 if the parties are unable to agree in writing as to the effects of the unexpected change in *Statutory Requirements* the Principal may instruct a *Variation*, and clause 48 applies to the *Variation*.
 - .3 in addition to the entitlements the Contractor has as a result of any *Variation* instructed under clause 49.4.2, the Contractor may also claim:
 - .1 an extension of time in accordance with clause 50 and any consequent delay costs due under clause 51, for any delay incurred by it as a result of the unexpected change in *Statutory Requirements* that has not been taken into account in any extension of time granted as a result of the *Variation*; and
 - .2 an increase in the *Contract Price* to be valued in accordance with clause 47 for unavoidable additional costs incurred by the Contractor as a result of the unexpected change in *Statutory Requirements*, but excluding any additional or increased work included in the *Variation*; or
 - .4 if no *Variation* is instructed, the Contractor may claim:
 - .1 an extension of time in accordance with clause 50 and consequent delay costs due under clause 51, subject to the requirements of those clauses; and
 - .2 an increase in the *Contract Price* to be valued in accordance with clause 47 for any unavoidable additional costs incurred by the Contractor because of the unexpected change in *Statutory Requirements*.
 - .5 If the Principal does not agree with the Contractor's contentions under clauses 49.1.1 and 49.1.2, the Contractor may notify an *Issue* under clause 69.
 - .6 Costs and delay incurred by the Contractor as a result of changes in *Statutory Requirements* before it gave the notice required by clause 49.1 must not be counted in any valuation or extension of time.

50 Changes to Contractual Completion Dates

The Contractor is responsible for managing progress to achieve *Contractual Completion Dates* for *Milestones* (if any) and for the Works. The initial *Contractual Completion Dates* are stated in the Contract Information and these may be adjusted under the Contract.

Clause 50 sets out the conditions under which the Contractor may claim an extension of time for a delay event. It also entitles the Principal to extend time for any reason, at its sole discretion.

Extensions of time

- .1 The Contractor is entitled to an extension of time to any *Contractual Completion Date*, for the number of days assessed by the Principal, if the Contractor satisfies the Principal that:
 - .1 the Contractor is or will be delayed in achieving *Completion* by a cause beyond the control of the Contractor which occurs on or before the *Contractual Completion Date*, including an act, default or omission of the Principal, but not including any cause which the Contract expressly states is at the Contractor's risk or for which the Contract expressly precludes a claim for extension of time; and
 - .2 the Contractor has given the Principal the notices and other information required by clauses 50.3 and 50.4.

Refer to clause 22 for Contract Program requirements
- .2 The Contractor must take all reasonable steps to avoid delay and its effects.
- .3 If the Contractor wishes to claim an extension of time for any delay, it must submit to the Principal:
 - .1 an initial notice within 7 days after the start of the delay, setting out the cause of the delay, relevant facts, and the expected effect on any *Contractual Completion Dates*;
 - .2 a claim within 28 days after the start of the delay, setting out the extension of time claimed and other information sufficient for the Principal to assess the claim; and
 - .3 updates to that claim every subsequent 28 days while the delay continues.
- .4 With every claim made under clause 50.3.2 or 50.3.3, the Contractor must submit an updated *Contract Program* which shows the effects of the delay on the critical path and *Completion*.
- .5 The Contractor is only entitled to an extension of time for delays occurring on days on which the Contractor usually carries out work for the Contract.
- .6 The Contractor is not entitled to an extension of time for any period when the Contractor:
 - .1 is delayed by multiple causes, where at least one of those causes is a cause that does not give an entitlement to an extension of time under clause 50.1.1; or
 - .2 would have been delayed anyway by another delay (or cause of delay) for which the Contractor has no entitlement to an extension of time (regardless of which delay commenced first, or the time of commencement of the respective delays).
- .7 The Contractor is not entitled to an extension of time for any days which are expressly not to be counted under clause 37.8 or 49.6.
- .8 The Principal may, in its absolute discretion but without any obligation to do so, extend any *Contractual Completion Date* at any time and for any reason, whether or not the Contractor has claimed an extension of time.

Reductions in time

- .9 If a *Variation* or resolution of a *Fault* under clause 38 leads to less time being required for *Completion*, the Principal may determine a reasonable adjustment to the affected *Contractual Completion Date*.

Adjustment to Contractual Completion Dates

- .10 The relevant *Contractual Completion Dates* must be adjusted to account for any extension or reduction of time assessed under clause 50.

51 Delay costs and liquidated damages

Delay costs

- .1 The Contractor is entitled to delay costs only for delay or disruption caused by:
 - .1 a *Variation* (other than a *Variation* for the Contractor's convenience);
 - .2 failure to give the Contractor access to the Site within the time stated in Contract Information item 13;
 - .3 subject to clause 8.9, an instruction under clause 8.8;
 - .4 adverse *Site Conditions* that differ materially from those the Contractor should reasonably have expected at the close of tenders (subject to clause 37.8 and Contract Information item 37);
 - .5 resolution of a *Fault* notified in accordance with clause 38.1;

- .6 changes in *Statutory Requirements* that the Contractor should not reasonably have expected at the close of tenders and that require changes to work in connection with the Contract (subject to clause 49.5);
 - .7 a suspension instruction under clause 53 if the need for the suspension arises from the Principal's act or omission; or
 - .8 a breach of the Contract by the Principal.
- .2 Delay costs are calculated at the applicable rate in Contract Information item 49A for the number of working days by which the *Contractual Completion Date* for the whole of the Works is extended because of a cause (or combination of causes) listed in clause 51.1, subject to the limitations in clause 37.8, 38.4 and 49.6. A working day means a working day as described in Contract Information item 18.
- .3 Notwithstanding clause 51.2, the Contractor is not entitled to delay costs for any period when the Contractor:
- .1 is delayed by multiple causes, where at least one of those causes is not listed in clause 51.1; or
 - .2 would have been delayed anyway by another delay (or cause of delay) for which the Contractor has no entitlement to delay costs (regardless of which delay commenced first, or the time of commencement of the respective delays).
- .4 The applicable rate of delay costs will be reduced where any part of the Works is being used or occupied prior to *Completion* under clause 64. The reduced rate of delay costs will be in the same proportion to the original rate as the value of the remaining work is to the *Contract Price* (as adjusted to the time of occupation). The value of the remaining work will be assessed by the Principal, acting reasonably.
- .5 The Contractor has no remedy or entitlement connected with delay or disruption other than:
- .1 the amounts to be paid under clause 51;
 - .2 an extension of time to any *Contractual Completion Date* to which it is entitled under clauses 48 or 50; or
 - .3 any remedy it may have under clause 74 or 75.

Liquidated damages

- .6 If Contract Information item 49B states that liquidated damages do not apply, the Principal may claim general damages if the Contractor fails to achieve *Completion* of the Works or any Milestone by its *Contractual Completion Date*.
- .7 If Contract Information item 49B states that liquidated damages apply and the Contractor fails to achieve *Completion* of the Works or any Milestone by a *Contractual Completion Date* to which liquidated damages apply, the Contractor will be liable to pay the Principal liquidated damages at the rate stated in Contract Information item 49B, for every day after the *Contractual Completion Date*, up to and including the *Actual Completion Date*.
- .8 If, however, the Contract is terminated before the Contractor achieves *Completion*, any liquidated damages will apply only up to the date of termination of the Contract.
- .9 A failure by the Principal at any time to demand payment or to deduct, withhold or set-off the liquidated damages does not amount to a waiver of, or otherwise affect, the Principal's rights and entitlements.
- .10 If any *Contractual Completion Date* is extended after the Contractor has paid or the Principal has deducted liquidated damages, the Principal must re-pay any excess liquidated damages to the Contractor, subject to any right of set-off.
- .11 The applicable rate of liquidated damages will be reduced where any part of the Works is being used or occupied prior to *Completion*, under clause 64. The reduced rate of liquidated damages will be in the same proportion to the original rate as the value of the remaining work is to the *Contract Price* (as adjusted to the time of occupation). The value of the remaining work will be assessed by the Principal, acting reasonably.
- .12 The Contractor acknowledges that the rates for liquidated damages in Contract Information item 49B are a genuine pre-estimate of the Principal's loss and agrees that it will not challenge any rate for liquidated damages as being in the nature of a penalty.

52 Acceleration

- .1 The Principal may issue an *Acceleration Notice* instructing the Contractor to accelerate progress of the Works. The Contractor must comply unless, before taking any steps to accelerate, it demonstrates to the satisfaction of the Principal that the acceleration instructed cannot reasonably be achieved.
- .2 If requested in writing by the Principal, the Contractor must, within the time specified in the request, advise the Principal of:
 - .1 its price (excluding all costs of delay or disruption) for a proposed acceleration; and
 - .2 the effect of a proposed acceleration on any other matter specified by the Principal.
- .3 Whenever possible, the parties must agree on the steps to be taken, and the basis for reimbursing the Contractor's costs for acceleration, before the Contractor takes those steps.
- .4 If the Contractor achieves the acceleration instructed, taking into account any relevant extension of time that has been given, the *Contract Price* must be adjusted as agreed, or if not agreed, by a valuation made in accordance with clause 47.

53 Principal's suspension

- .1 The Principal may instruct the Contractor to suspend progress of the Works, and the Contractor must comply with that instruction.
- .2 The Contractor must resume carrying out the Works when instructed by the Principal.
- .3 If the need for the suspension arises from the Principal's act or omission, and causes the Contractor delay, or unavoidable costs, additional to what the Contractor would have incurred had the suspension not been instructed, the Contractor may claim:
 - .1 an extension of time in accordance with clause 50, without the Contractor meeting the preconditions required by clause 50 other than provision of an updated *Contract Program* demonstrating the delays caused by the suspension;
 - .2 any consequent delay costs due under clause 51; and/or
 - .3 an increase in the *Contract Price* to be valued in accordance with clause 47, with no double counting of delay costs.
- .4 The Contractor has no other remedy or entitlement in connection with a suspension by the Principal.

54 Contractor's suspension

- .1 If the Contractor suspends work at any time in accordance with the *Building and Construction Industry Security of Payment Act 1999* (NSW), it may be entitled to an extension of time under clause 50, but despite clause 51, it will not be entitled to any payment for delay or disruption.
- .2 Clause 54 is not intended to limit any rights of the Contractor under the *Building and Construction Industry Security of Payment Act 1999* (NSW).

Payment

55 The Contract Price

- .1 The *Contract Price* (at the Date of Contract), and the basis of calculating it, are stated in Contract Information item 40.
- .2 If stated in Contract Information item 41, the *Contract Price* (and the rates and/or lump sums it includes) will be adjusted for rise or fall in costs, on the terms set out in Schedule 7 (Costs Adjustment Formula).

Schedules of Rates

- .3 If Contract Information item 40 states that a *Schedule of Rates* is the basis of calculation of the *Contract Price*, then without limiting clause 8:
 - .1 the *Contract Price* is a notional price only, determined by adding together the products of the stated quantity for each item and its rate;
 - .2 all quantities are estimated, and none are guaranteed;
 - .3 some of the items may be provisional (that is, they may not be required at all); and

- .4 the Contractor will be paid at the applicable rate stated in the *Schedule of Rates* for the measured quantity of work actually carried out in accordance with the Contract.

Provisional Sums

- .4 If Contract Information item 42 states that the *Contract Price* includes a *Provisional Sum*, then:
 - .1 the Contractor must not carry out the work specified against that *Provisional Sum* unless instructed by the Principal;
 - .2 if the Principal does not instruct the Contractor to carry out the work, the *Provisional Sum* for that work must be deducted from the *Contract Price*; and
 - .3 if the Principal instructs the Contractor to carry out the work:
 - .1 the Contractor must comply with the instruction; and
 - .2 the *Contract Price* must be adjusted as follows:
 - .1 the *Provisional Sum* will be deducted from the *Contract Price*;
 - .2 the cost of work carried out by the Contractor, a Subcontractor, Supplier or Consultant (excluding any amount payable due to default or negligence on their part or that of the Contractor) must be added to the *Contract Price*; and
 - .3 the amount calculated by applying the *Provisional Sum* margin percentage stated in Contract Information item 43 to that cost must be added to the *Contract Price*.

Provisional Quantities

- .5 If the Principal instructs the Contractor to carry out work which is the subject of a *Provisional Quantity* and that instruction requires the Contractor to carry out a greater or lesser quantity of work than the *Provisional Quantity*, the *Contract Price* must be adjusted by the amount calculated by multiplying the contract rate applicable to the *Provisional Quantity* work by the difference between the *Provisional Quantity* and the quantity of work carried out.

56 Goods and Services Tax (GST)

- .1 Unless otherwise expressly stated in the Contract, all prices, rates or other sums payable in accordance with the Contract include an amount for GST.
- .2 The Principal will issue a tax invoice for each taxable supply it makes to the Contractor.
- .3 The Principal will issue to the Contractor a Recipient Created Tax Invoice (RCTI) for each taxable supply (other than an excluded supply) made by the Contractor to the Principal, and will issue an adjustment note for any adjustment event. The parties may agree in writing from time to time which supplies are excluded supplies.
- .4 The Contractor must not issue a tax invoice in respect of any supply it makes to the Principal, other than an excluded supply. The Contractor must give the Principal a tax invoice for an excluded supply at or before the time the Contractor makes a *Payment Claim* or otherwise invoices the Principal for that supply.
- .5 Each party must be registered for GST and must notify the other party if it ceases to be registered for GST or to comply with any of the requirements of any taxation ruling issued by a taxation authority relating to the creation of RCTIs.

Reimbursable expenses

- .6 If the Contract requires a party to pay for, reimburse or contribute to any expense, loss or outgoing (“reimbursable expense”) suffered or incurred by the other party, the amount required to be paid, reimbursed or contributed by the first party must be the sum of:
 - .1 the amount of the reimbursable expense net of input tax credits (if any) to which the other party is entitled in respect of the reimbursable expense; and
 - .2 to the extent that the other party’s recovery from the first party is consideration for a taxable supply to the first party, any GST payable in respect of that supply.

57 Prepayment

Prepayment is an advance payment against the *Contract Price* which provides early cash flow to the Contractor. The *Prepayment* is repaid by the Contractor progressively by deductions from amounts payable under the Contract. *Prepayment* is secured by *Undertakings* provided to the Principal in respect of the *Prepayment*. *Prepayment* may be utilised for any purpose related to the Contract.

- .1 The Contractor may claim *Prepayment*, as an advance payment against the *Contract Price* (but not as a *Payment Claim*), at any time before achieving *Completion* of the whole of the Works if all the following apply:
 - .1 the total amount claimed for *Prepayment* is no more than the amount stated in Contract Information item 45;
 - .2 the *Prepayment* does not exceed the remaining balance of the *Contract Price* less any amount that the Principal considers payable by the Contractor to the Principal;
 - .3 no more than one-third of the *Prepayment* amount is retained by the Contractor and the balance is assigned directly to Subcontractors, Suppliers and Consultants in the proportions notified to the Principal;
 - .4 the Contractor has established to the Principal's satisfaction that the *Prepayment* will be utilised for a purpose related to the Contract;
 - .5 the Contractor has provided *Undertakings* to the Principal for the amounts of the *Prepayment*; and
 - .6 the Contractor has assigned to Subcontractors, Suppliers and Consultants their respective shares of the *Prepayment* by effective written assignments, and has notified the Principal of the assignments, including the amounts assigned to each Subcontractor.
- .2 The Principal must pay the amount claimed within 14 days after the Contractor provides evidence that all the conditions in clause 57.1 have been met.
- .3 The Contractor must repay the *Prepayment* by way of progressive deductions from payments otherwise due under the Contract.
- .4 The Principal must return *Undertakings* provided for *Prepayment* when the amount of the *Prepayment* has been fully repaid.
- .5 The Principal may have recourse to the *Undertakings* provided for *Prepayment* if the *Prepayment* has not been fully repaid and:
 - .1 the unpaid balance of the *Contract Price* is insufficient to cover the outstanding balance of the *Prepayment*;
 - .2 the Contract is terminated; or
 - .3 the Contractor's employment under the Contract is terminated.

58 Payment Claims

The Contract allows for progress payments by regular (usually monthly) payments or payments based on *Milestone Completion* or both.

- .1 Subject to clauses 58.2 and 58.3, the Contractor must submit a *Payment Claim* each month, on the date in the month specified in Contract Information item 46A, for work carried out up to that date.
- .2 For *Milestones* for which Contract Information item 46B states that payments will be made after they reach *Completion*, each *Payment Claim* may only include the value of work in those *Milestones* if they reached *Completion* before the specified submission date.
- .3 The Contractor must submit the *Final Payment Claim* within the time specified in clause 61.
- .4 *Payment Claims* must be in the form of, and include all of the information required by, Schedule 3 (Payment Claim Worksheet) or in another form agreed by the Principal.
- .5 Every *Payment Claim* must:
 - .1 identify the work and *Materials* to which the *Payment Claim* relates;
 - .2 state the value of that work and those *Materials*;
 - .3 identify and state the amount the Contractor claims for any other *Claim* that the Principal has agreed or is required to pay under clause 68 or any other provision of the Contract;
 - .4 state the amount of interest, if any, that the Contractor claims under clause 62; and
 - .5 state the *Claimed Amount*, after allowing for retention of the *Completion Amount* specified in clause 60 and for payments already made.
- .6 Every *Payment Claim* must be accompanied by:
 - .1 completed and true Contractor's Statement and Supporting Statement in the form of Schedule 6 executed on the date of the *Payment Claim*;
 - .2 all relevant calculation;

- .3 all relevant *Conformance Records*; and
- .4 any other information specified in the Contract.

Unfixed Materials

- .7 *Payment Claims* must not include any amount for *Materials* intended for incorporation in the Works but not yet incorporated unless all of the following conditions are satisfied:
 - .1 the Principal has agreed in writing to pay the Contractor for the unincorporated *Materials*;
 - .2 where the value of the unincorporated *Materials* is greater than \$100,000, the Contractor has provided:
 - .1 an *Undertaking* equal to the value of the unincorporated *Materials* (to be returned when the *Materials* are incorporated into the Works); or
 - .2 a statement in the terms in Schedule 11;
 - .3 the Contractor provides evidence no later than 14 days before submitting the *Payment Claim* that:
 - .1 the unincorporated *Materials* are, or upon payment will become, the property of the Principal free of any *Encumbrance*;
 - .2 the unincorporated *Materials* are clearly identified as the property of the Principal and are insured for their full value;
 - .4 upon the *Materials* becoming the property of the Principal, they are entrusted to the Contractor for the purpose of carrying out the Works and the Contractor is solely liable for their care; and
 - .5 for any unincorporated *Materials* imported or to be imported into Australia, the Contractor has given the Principal a clean on board bill of lading drawn or endorsed to the order of the Principal, appropriate insurance certificates and a Customs invoice.
- .8 The Contractor warrants that no *Encumbrance* exists over any *Materials* paid for by the Principal or incorporated into the Works.
- .9 If the Contract or the Contractor's employment under the Contract is terminated by the Principal, the Contractor must ensure that, in respect of any unincorporated *Materials* for which payment has been made or which have been appropriated to the Contract, the Principal may enter upon any premises where the *Materials* are stored and take possession of these *Materials*.

59 Payments

- .1 Within 10 *Business Days* after being served a *Payment Claim* by the Contractor, the Principal must provide a *Payment Schedule* to the Contractor that:
 - .1 identifies the *Payment Claim* to which it relates;
 - .2 indicates the amount the Principal proposes to pay, as the *Scheduled Amount*; and
 - .3 if the *Scheduled Amount* is less than the *Claimed Amount*, provides reasons explaining why it is less and why any money is being withheld. Reasons why the *Scheduled Amount* is less than the *Claimed Amount* may include failure by the Contractor to comply with any outstanding obligations under:
 - .1 clause 33 (Undertakings);
 - .2 clause 27 (Insurances);
 - .3 clause 57 (Prepayment);
 - .4 clause 58.6.1(Contractor's Statement and Supporting Statement (Schedule 6)).
 - .5 clause 58.6.2 to 58.6.4 (other items to accompany a *Payment Claim*);
 - .6 clause 58.9 (Unfixed Materials); and
 - .7 any provision of the Contract requiring the Contractor to submit anything or provide proof of any state of affairs at the time of a *Payment Claim*.
- .2 The Principal must pay the Contractor the *Scheduled Amount* within 15 *Business Days* after being served with the *Payment Claim*.
- .3 Unless stated otherwise in the Contract, all payments to the Contractor must be made by electronic funds transfer to the Contractor's account notified to the Principal for that purpose.

Changes to the Contractor's account details must be notified in accordance with protocols established by the Principal.

- .4 Payment by the Principal is payment on account only and is not evidence that the Principal accepts the value, quantity or quality of work or that the Contractor has complied with the Contract or that the Contractor has any particular entitlement.

60 Completion Amount

The Completion Amount is intended to provide an incentive; the earlier the Contractor achieves defect-free Completion of the whole of the Works, the earlier the Completion Amount is paid.

- .1 If Contract Information item 47 specifies a *Completion Amount*, the Contractor may claim it in the next *Payment Claim* after *Completion* of the whole of the Works or, if applicable, a specified *Milestone*, subject to the Principal's right to set-off under clause 63.
- .2 The Principal will retain the *Completion Amount* from payments when the amount paid to the Contractor exceeds 50% of the *Contract Price* at the Date of Contract. The amount retained against each payment must not exceed 50% of the value of the payment.
- .3 The Principal will own any interest earned on the monies retained for the *Completion Amount*.

61 Final payment

Clause 61 contains provisions which apply to the Contractor's Final Payment Claim and the Principal's Final Payment Schedule.

- .1 The Contractor must submit a *Final Payment Claim* within 13 weeks after achieving *Completion* of the whole of the Works. The *Final Payment Claim* must include any *Claim* not previously included in a *Payment Claim*. Any *Claim* not submitted before or with the *Final Payment Claim* is barred.
- .2 Within 10 *Business Days* after receiving the *Final Payment Claim* or, if the Contractor has not submitted a *Final Payment Claim*, within 15 weeks after the whole of the Works reaches *Completion*, the Principal must provide a *Final Payment Schedule* to the Contractor.
- .3 If the Principal proposes to make no payment to the Contractor and claims that the Contractor must pay the Principal money, the *Final Payment Schedule* must state the amount that the Principal claims the Contractor must pay, and include reasons and particulars supporting that claim.
- .4 Payments identified in the *Final Payment Schedule* as due from the Contractor to the Principal must be made within 14 days after the *Final Payment Schedule* is provided. Payments due from the Principal to the Contractor must be made in accordance with clause 59.
- .5 The issue of the *Final Payment Schedule* is conclusive evidence that all necessary adjustments to the *Contract Price* have been made and all entitlements of the Contractor have been met, except for those required by:
 - .1 arithmetical error; or
 - .2 resolution of:
 - .1 any *Claim* made in accordance with clause 61.1;
 - .2 any *Issue* properly notified under clause 69 prior to the *Final Payment Claim*; or
 - .3 any *Issue* arising out of the *Final Payment Schedule*, but only if it is notified to the Principal within 28 days after the date of the *Final Payment Schedule*.
 - .3 clause 61.6.
- .6 The Contractor's liability under the Contract or otherwise is not affected by the issue of the *Final Payment Schedule*. The Contractor's liability continues until any limitation period under statute expires.

62 Interest on late payments

- .1 A party which fails to make a payment within the time specified in the Contract must pay interest to the other party on the unpaid amount, at the rate stated in Contract Information item 48, for the period the payment is late.

63 Set-off

- .1 If the Principal claims a sum in connection with the Contract or any other contract between the Principal and the Contractor, the Principal may:

- .1 withhold, deduct or set-off the claimed sum against any amount to which the Contractor is otherwise entitled in connection with the Contract; and
 - .2 make a demand against the *Undertakings* provided under the Contract for any amount of the claimed sum in excess of the amount to which the Contractor is otherwise entitled.
-

Completion

64 Early use

- .1 Before the Contractor achieves *Completion*, the Principal, or anyone authorised by the Principal, may use or occupy any part of the Works which is sufficiently complete and then:
 - .1 the Contractor's responsibilities are not affected, except if they are reduced under clauses 26.3 or 26.7 or if the Principal, or anyone authorised by the Principal to use or occupy any part of the Works, causes the Contractor's work to be hindered; and
 - .2 the Principal becomes responsible for any additional insurance required.
- .2 If the Principal requires use or occupation of any part of the Works before the Contractor achieves *Completion*, the Principal must give not less than 21 days notice in writing to the Contractor and must specify those parts to be used or occupied.
- .3 The Contractor must assist and cooperate with those using or occupying the Works.
- .4 No later than 21 days after receipt of a notice under clause 64.2, the Contractor must provide to the Principal all the documents and other things listed in the definition of *Completion* that are relevant to the parts of the Works to be used or occupied.

65 Completion

The Contract requires defect-free *Completion*. *Completion* applies to any *Milestone* as well as to the whole of the Works.

- .1 The Contractor must achieve *Completion* by the *Contractual Completion Date*.
- .2 When the parties, each acting reasonably, agree that *Completion* has been achieved, the Principal must give the Contractor a notice stating the *Actual Completion Date*.

66 Close-out workshop

The close-out workshop is an opportunity to review the management of the Contract. It is also used to collect and provide feedback to the parties to enable them to improve the overall communication and management process for any possible future contract.

- .1 The Principal must convene a close-out workshop within 21 days after *Completion* of the whole of the Works.
- .2 The parties must attend the close-out workshop and must jointly decide who else will attend. Clause 6.4 applies to the costs of the workshop.

67 Defects after Completion

- .1 At any time after *Completion*:
 - .1 the Principal may instruct the Contractor to make good any *Defect* within the time specified in a *Defect Notice*;
 - .2 if the Contractor fails to make good the *Defect* in the time specified in the *Defect Notice*, the provisions of clauses 45.3 and 45.4 will apply; and
 - .3 the Principal may instruct a *Variation* in connection with any *Defect* instead of requiring the *Defect* to be made good under clause 67.1.1.
- .2 Clause 67 does not reduce the Contractor's liability, whether arising under the Contract or otherwise. The Contractor's liability continues until any limitation period under statute expires.
- .3 Clause 67 does not affect the Principal's rights under clause 46.

Claim and Issue resolution

This section provides a step-by-step procedure for handling *Claims* and *Issues*.

Claim resolution

68 Contractor's Claims

- .1 If the Contractor makes:
 - .1 a *Claim* under a provision of the Contract that does not specify a time for making the *Claim*; or
 - .2 a *Claim* in connection with the Contract or the Works, but not under a provision of the Contract,
the *Claim* must be submitted within 28 days after the later of the start of the event giving rise to the *Claim*; and the time the event should have become known to the Contractor, with reasonable diligence on its part.
- .2 If the Contractor fails to make a *Claim* within the applicable specified time, the Contractor will not be entitled to interest on any amount paid in relation to the *Claim* for the period before the Contractor made the *Claim*. However, any *Claim* not made within the time specified in clause 61.1 is barred.
- .3 Each *Claim* must include information sufficient for the Principal to assess the *Claim*, including the factual and legal basis, detailed quantification and responses by the Contractor to the questions set out in paragraphs 1.1.1 and 1.1.2 of Schedule 5 (Expert Determination Procedure).
- .4 The Principal must assess a *Claim*, and reach agreement with the Contractor or reject, within 28 days, or other agreed period, after receiving the information required under clause 68.3.
- .5 If the Principal agrees to a *Claim* involving money, the Contractor may claim the agreed amount only by including it in a *Payment Claim*.
- .6 If a *Claim* is rejected or not agreed within the period referred to in clause 68.4 it will become an *Unresolved Claim*, and the Contractor may notify the Principal of an *Issue* under clause 69.1.
- .7 The provisions of clauses 68.2 to 68.6 apply generally to all *Claims*, whether made under clause 68 or under another provision of the Contract, unless determination of the *Claim* is regulated by a separate procedure under any applicable legislation.

Issue resolution

Generally, the aim of the Contract is for the parties to resolve matters through discussions as soon as possible and within the times specified. Further steps are only needed if the representatives of the parties who are involved in day to day management of the Contract are unable to resolve matters themselves.

69 Notification of Issue

- .1 The Contractor may dispute an assessment, determination or instruction of the Principal, or seek resolution of an *Unresolved Claim*, by giving notice to the Principal (with a copy to the Principal's senior executive named in Contract Information item 7) of an *Issue* within 28 days after notification of the assessment, determination or instruction, or within 28 days after it becomes an *Unresolved Claim*.
- .2 Either party may give notice to the other (with a copy to that party's senior executive) of an *Issue* (excluding an *Issue* referred to in clause 69.1, but including a claim by the Principal) about the meaning or effect of the Contract, or about any matter connected with the Contract, within 28 days after becoming aware of the *Issue*.
- .3 Subject to clause 69.6, the parties must follow the *Issue* resolution procedures in clauses 69, 70 and 71 before either commences litigation or takes similar action.
- .4 If notice of an *Issue* under clause 69.1 or 69.2 is given outside the time prescribed by those clauses, the party giving the notice is not entitled to claim or recover interest for the period before the notice was given. This clause does not affect the absolute time bar in clause 61.

- .5 The Principal is not liable to pay damages (whether in contract, for negligence or otherwise) for making an incorrect assessment, determination or instruction.
- .6 The *Issue* resolution procedure in clauses 69, 70 and 71 does not prevent a party from seeking an urgent declaration or injunction from a court.

70 Resolution by senior executives

- .1 If a party gives notice of an *Issue* under clause 69, the senior executives named in Contract Information items 7 and 11 must promptly confer to try to resolve the *Issue*.
- .2 The parties may agree at any time after notice of an *Issue* is given under clause 69 to engage in an Alternative Dispute Resolution Procedure in respect of that *Issue*. An agreement to engage in an Alternative Dispute Resolution Procedure must specify:
 - .1 whether the decision, finding, determination, result or agreed outcome of the *Alternative Dispute Resolution Procedure* will be final and binding on the parties within any agreed monetary limit;
 - .2 that the *Alternative Dispute Resolution Procedure* may, by agreement between the parties, be varied or extended from time to time to include additional or fewer processes; or
 - .3 that if the *Alternative Dispute Resolution Procedure* has not produced a decision, finding, determination, result or agreed outcome of the *Issue* in question within a specified period of time, either party may commence court proceedings in respect of the *Issue*.
- .3 If the parties have agreed that the Alternative Dispute Resolution Procedure is to be final and binding on the parties to some extent and that procedure produces a decision, finding, determination, result or agreed outcome of the *Issue*, neither party is entitled to commence, conduct or continue court proceedings in respect of that *Issue* to that extent.
- .4 If the Alternative Dispute Resolution Procedure engaged by the parties under clause 70.2 is Expert Determination then unless otherwise agreed, clause 71 will apply to the Expert Determination.
- .5 If the parties, within 28 days after a notice of an *Issue* is given under clause 69, have not agreed to engage in an Alternative Dispute Resolution Procedure under clause 70.2, then the parties will be deemed to have agreed to engage in Expert Determination under clause 71.

71 Expert Determination

- .1 The representative of the Principal for the purposes of clause 71 is the person named in Contract Information item 52. This person may differ from the Principal's Authorised Person.
- .2 If an *Issue* is to be referred to *Expert Determination* under clause 70, the parties must endeavour to agree on the *Expert* to be engaged. If they cannot agree within 28 days after receipt of a notice under clause 70.3, the *Expert* will be nominated (on the application of either party) by the person named in Contract Information item 53. That person must not nominate:
 - .1 an employee of the Principal or the Contractor;
 - .2 a person who has been connected with the Works or the Contract; or
 - .3 a person who the Principal and the Contractor have already considered and not been able to agree on.
- .3 When the person to be the *Expert* has been agreed or nominated, the Principal, on behalf of both parties, must engage the *Expert* by a letter of engagement (with a copy to the Contractor) that sets out:
 - .1 the *Issues* referred to the *Expert* for determination;
 - .2 the *Expert's* fees;
 - .3 the procedure for *Expert Determination* in Schedule 5 (Expert Determination Procedure); and
 - .4 any other matters which are relevant to the engagement.
- .4 The Principal and the Contractor must share equally the *Expert's* fees and out-of-pocket expenses for the determination, and bear their own costs.
- .5 The procedure for *Expert Determination* is set out in Schedule 5 (Expert Determination Procedure).

- .6 In response to any *Issue* referred to the *Expert* by a party, the other party may raise any defence, set-off or cross-claim.
- .7 Subject to clauses 71.8 and 71.9, the parties must treat each determination of an *Expert* as final and binding and a party that owes money to the other pursuant to the determination must pay that amount to the other party within 28 days after receiving the determination.
- .8 Neither party may commence litigation in respect of the matters determined by the *Expert* unless the determination:
 - .1 does not involve paying a sum of money; or
 - .2 requires one party to pay the other an amount in excess of the amount stated in Contract Information item 54, calculated without having regard to:
 - .1 any interest that may be payable; and
 - .2 any amount that has been paid pursuant to the *Building and Construction Industry Security of Payment Act 1999*.
- .9 Neither party may commence litigation in respect of the matters determined by the *Expert* unless they do so within 56 days after receiving the determination.

72 Parties to perform the Contract

- .1 The parties must continue to perform their obligations under the Contract at all times, regardless of any *Claim* or *Issue* or the conduct of any *Issue* resolution procedures under clauses 69 to 71. TerminationSpace

Termination

Termination

73 Termination for Contractor's Default or Insolvency

- .1 The Principal may terminate the Contractor's employment under the Contract for *Contractor's Default* or *Contractor's Insolvency* by giving notice in accordance with clause 73.
- .2 Nothing in clause 73 affects or negates the Principal's common law rights to terminate or for damages.
- .3 In the case of *Contractor's Default*, the Principal must first give the Contractor notice that it has 7 days after receipt of that notice to remedy the *Contractor's Default*.
- .4 If the Contractor fails to:
 - .1 give the Principal a notice containing clear evidence that it has remedied a *Contractor's Default*; or
 - .2 propose steps reasonably acceptable to the Principal to remedy the *Contractor's Default*,

the Principal may give the Contractor a notice terminating its employment under the Contract.

If a right to terminate exists at common law, a notice to terminate at common law may be given without first giving notice to remedy a Contractor's Default.

- .5 In the case of *Contractor's Insolvency*, the Principal may give the Contractor a notice terminating its employment under the Contract.
- .6 If the Principal terminates the Contractor's employment under clause 73 it may, at its sole discretion, employ others to complete the Works and all the following will then apply:
 - .1 The Contractor must leave the Site as soon as reasonably practicable and remove all *Temporary Work* and *Materials* it has brought onto the Site, apart from any *Temporary Work* and *Materials* identified by the Principal as being necessary to have the Works completed.
 - .2 The Contractor must assign to the Principal the Contractor's rights and benefits in all its contracts and agreements in connection with the Works, warranties and unconditional undertakings, bank guarantees, insurance bonds, other security of a similar nature or purpose and retention held by the Contractor, with effect from the date of termination of its employment under the Contract.
 - .3 The Contractor must consent to a novation to the Principal or its nominee of all Subcontracts and its other contracts concerning the Works, as required by the Principal. The Principal may at any time make payments and may deduct, withhold or set-off any amounts to be paid under the novated contracts from amounts otherwise payable to the Contractor or from any *Undertakings* given on the Contractor's behalf.
 - .4 The Contractor must do everything and sign all documents necessary to give effect to clause 73, and it irrevocably appoints the Principal as its attorney to do this in its name if it fails to do so.
 - .5 If, on *Completion*, the cost to the Principal of completing the Works exceeds the amount that would have been paid to the Contractor to complete, then the difference will be a debt due from the Contractor to the Principal.
 - .6 The Principal may make provisional assessments of the amounts payable to the Principal under clause 73.6.5 and may, without limiting any other right of recourse, demand them against the *Undertakings*.

74 Termination for Principal's convenience

- .1 The Principal may terminate the Contract, by giving notice with effect from the date stated in the notice, for its convenience and without the need to give reasons.
- .2 The Contractor must comply with any instructions of the Principal to wind down and stop work.
- .3 The Contractor must leave the Site by the date stated in the termination notice and remove all *Temporary Work*, *Materials* and other unfixed things it has brought onto the Site apart from

Materials for which payment has been made or is due under clause 58 and any other items identified in the termination notice as to be retained on the Site.

- .4 After termination under clause 74.1, subject to its rights under the Contract (including clause 63), the Principal must pay the Contractor:
 - .1 the amount due to the Contractor for all work carried out (as determined under clauses 58 and 59) to the date the termination notice takes effect, after taking into account previous payments including any *Prepayments* and any deductions, retentions or set-offs under clauses 59, 60 and 63;
 - .2 the cost of *Materials* reasonably ordered by the Contractor for the Works which the Contractor is legally liable to accept, but only if on payment these unincorporated *Materials* become the property of the Principal, free of any *Encumbrance*;
 - .3 the reasonable, direct costs incurred by the Contractor for the removal of the *Temporary Work* and other things from the Site in accordance with clause 74.3, but only to the extent that the Contractor complies with a strict duty to mitigate costs;
 - .4 an amount of 2% of the unpaid portion of the *Contract Price*, less the amounts payable under clauses 74.4.1 and 74.4.2; and
 - .5 the costs reasonably incurred by the Contractor prior to receiving notice of termination in the expectation of completing the Works, where those costs have not been recovered through any other payment by the Principal, but only to the extent that the Contractor complies with a strict duty to mitigate costs.
- .5 The Principal must return the *Undertakings*, subject to its rights under the Contract.
- .6 The payments referred to in clause 74.4 are full compensation for termination under clause 74 and the Contractor has no *Claim* for damages or other entitlement, whether under the Contract or otherwise.

75 Termination for Principal's default

- .1 If the Principal:
 - .1 fails to pay the Contractor any amount in accordance with the Contract which is not in dispute;
 - .2 commits any fundamental breach of the Contract; or
 - .3 fails to give the Contractor access to the Site sufficient to start work required by the Contract within 3 months after the Date of Contract (or longer period specified in the Contract or agreed by the parties),

the Contractor may give a notice requiring the Principal to remedy the default within 28 days after receiving the notice.

- .2 If the Principal fails to remedy the default, or to propose steps reasonably acceptable to the Contractor to do so, the Contractor may issue a notice terminating the Contract and clauses 74.3 to 74.6 will then apply. The Contractor's sole remedy for the Principal's breach will be the applicable amounts referred to in clause 74.4.

76 Termination notices

- .1 Notices under clauses 73, 74 and 75 must be in writing and be delivered by hand, registered post or equivalent, or facsimile.

77 Survival

- .1 Without limiting the survival of any clause by operation of law, clauses 23, 24, 25 and all indemnities in the Contract survive termination.

Meanings

Meanings

78 Interpretation

- .1 Words in the singular include the plural, and vice versa.
- .2 No legal interpretation applies to the disadvantage of any party on the basis that the party provided the *Contract Documents*, or any part of them.
- .3 “Including” and similar words are not words of limitation.
- .4 Headings and notes are provided to guide the parties and form part of the Contract.

79 Definitions

Some words and phrases have special meanings in the Contract. In some cases, the defined meaning is different from the meaning that the word or phrase might have in ordinary usage, or it might include conditions that don't normally apply. In order to understand the Contract, you need to take these special meanings into account.

All defined words and phrases have initial capitals and are in italics in the GC21 General Conditions of Contract unless they are one of the following basic terms, which appear too often for italics to be used:

- Contract
- Contract Information
- Contractor
- Consultant
- Date of Contract
- Principal
- Site
- Subcontract
- Subcontractor
- Supplier
- Valuer
- Works

Wherever the following words and phrases are used in this Contract with initial capitals, they have the special meanings set out in clause 79.

Acceleration Notice

A written instruction under clause 52.1, from the Principal to the Contractor, to accelerate progress of the Works, identified as an “*Acceleration Notice*”.

Actual Completion Date

The date on which *Completion* of the Works or a *Milestone* (as applicable) is achieved by the Contractor.

Business Day

Any day other than a Saturday, Sunday, public holiday in New South Wales, or 27, 28, 29, 30 or 31 December.

Claim

A claimed entitlement of the Contractor in connection with the Contract, in tort, in equity, under any statute, or otherwise. It includes a claimed entitlement to an extension of time or for breach of contract by the Principal.

Claimed Amount

The amount claimed by the Contractor in a *Payment Claim*.

Completion

The state of the Works or a *Milestone* being complete, with no *Defects* or omissions, except for *Defects* not known.

This includes:

- .1 the supply to the Principal of:
 1. all *Subcontractor's* warranties, operation and maintenance manuals, licences, access codes, as-built drawings or work-as-executed drawings required by the Contract or required for the use and maintenance of the Works;
 2. certificates, authorisations, approvals and consents from statutory authorities

- and service providers;
- 3. those certificates required for the occupation, use and maintenance of the Works; and
- 4. all other documents;
- .2 *Testing* required by the Contract;
- .3 the provision of all training required by the Contract; and
- .4 all other requirements specified in the Contract.

Completion Amount

An amount stated in Contract Information item 47 and included in the *Contract Price*, which becomes payable only after *Completion* of the whole of the Works or, if applicable, a specified *Milestone*.

Completion Undertaking

The *Undertaking* required under clause 33.1, for the percentage of the *Contract Price* (at the Date of Contract) stated in Contract Information item 33.

Conformance Records

Records which show conformance by the Contractor with particular requirements of the Contract.

Consultant

A consultant engaged by the Contractor to design parts of the Works or to provide other professional services. It includes a consultant whose contract with the Principal is novated to the Contractor.

Contract

The agreement between the Contractor and the Principal constituted by the *Contract Documents*.

Contract Documents

All the documents listed or referred to in clause 7.1.

Contract Information

The document described as such in the *Contract Documents*, which sets out information for the purposes of the Contract.

Contract Price

The amount stated as such in Contract Information item 40, subject to adjustment in accordance with the Contract.

Contract Program

The program described in clause 22.

Contractor

The party named in Contract Information item 8, including its successors and permitted assignees.

Contractor's Authorised Person

The person appointed to act on behalf of the Contractor under clause 2, named in Contract Information item 9 or as subsequently notified to the Principal.

Contractor's Default

A substantial breach of the Contract by the Contractor, including any of the following:

- .1 abandoning the carrying out of the Works;
- .2 suspending progress of the carrying out of the Works in whole or part without the written agreement or instruction of the Principal, except for suspension under clause 54;
- .3 significantly failing to achieve *Scheduled Progress*;
- .4 failing to comply with an instruction in writing or confirmed in writing by the

Principal;

- .5 failing to carry out the Works with professional skill, care and competence;
- .6 failing to maintain any registration or licence required by law to carry on activities required under the Contract;
- .7 failing to provide *Undertakings* as required under clause 33; or
- .8 failing to effect and maintain insurance policies as required under the Contract.

Contractor's Documents

Drawings, specifications, calculations and other documents and information, meeting the requirements of clause 39, which the Contractor must produce to design and construct the Works in accordance with the Contract.

Contractor's Insolvency

Any of the following applying to the Contractor:

- .1 the Contractor is insolvent;
- .2 the Contractor indicates it does not have the resources to perform the Contract;
- .3 an application for winding up is made which is not stayed within 14 days;
- .4 a winding-up order is made;
- .5 a controller, administrator, receiver, receiver and manager, provisional liquidator or liquidator is appointed;
- .6 a mortgagee enters into possession of any property of the Contractor;
- .7 notice is given of a meeting of creditors for the purposes of a deed of arrangement;
or
- .8 any actions having a similar effect are taken.

Contractor's Margin

An amount added to the costs calculated under clauses 47.5.1 and 47.5.2, to allow for profit and overhead costs, but not overhead costs relating to delay or disruption.

Contractual Completion Date

The last day of the period stated in Contract Information item 13, by which the Contractor must achieve *Completion* of the Works or of a *Milestone* (as applicable), as adjusted under the Contract.

Data

The *Contractor's Documents* and all other drawings, sketches, specifications, digital records, computer software, data and information relating to the Contract.

Date of Contract

- .1 If a specific date is nominated in Contract Information item 12, Date of Contract means that date.
- .2 If no specific date is nominated in Contract Information item 12, Date of Contract is to be determined as follows:
 - .1 Unless the Principal expressly states, in the *Letter of Award* or any other document given to the Contractor before the *Letter of Award*, that no contract is formed until a formal agreement or deed is executed, Date of Contract means the date of the *Letter of Award*, irrespective of whether the *Letter of Award* is conditional or unconditional and irrespective of whether the Principal also requires execution of a formal agreement or deed.
 - .2 If the Principal has expressly stated that no contract is formed until a formal agreement or deed is executed, Date of Contract means the date the formal agreement or deed is executed by the Principal after the Contractor has executed it.

Daywork

Work carried out by the Contractor for which payment is made on the basis of daily time and cost records for labour, plant, *Materials*, services and other items as provided in Schedule 8 (Daywork).

Defect

An error, omission, shrinkage, blemish in appearance or other fault in the Works or which affects the Works, resulting from a failure of the Contractor to comply with the Contract.

Defect Notice

A notice issued by the Principal under clause 45.2 or 67.1.

Encumbrance

A mortgage, charge, lien, title retention, trust, power or other encumbrance.

Expert

A person engaged to determine *Issues* under clause 71.

Expert Determination

The process of determination of an *Issue* by an *Expert*, under clause 71 and the procedure in Schedule 5 (Expert Determination Procedure).

Fault

Ambiguity, inconsistency or discrepancy.

Final Payment Claim

A *Payment Claim* given by the Contractor to the Principal under clause 61.1.

Final Payment Schedule

A *Payment Schedule* given by the Principal to the Contractor under clause 61.2.

Intellectual Property Rights

Any copyright, patent right, registered design or other protected right.

Issue

Any issue, dispute or difference raised by either party under clause 69.

Letter of Award

A letter from the Principal to the Contractor awarding the Contract to the Contractor.

Materials

Includes materials, plant, equipment and other goods.

Milestone

A part of the Works specified as such in Contract Information item 13.

Payment Claim

A claim for payment made by the Contractor to the Principal under clauses 58 or 61.

Payment Schedule

A schedule containing the Principal's assessment of a *Payment Claim* and stating the amount the Principal proposes to pay, as referred to in clauses 59 and 61.

Post-Completion Undertaking

The *Undertaking* required under clause 33.1, for the percentage of the *Contract Price* (at the Date of Contract) stated in Contract Information item 34.

Preferred Subcontractor

A Subcontractor, Supplier or Consultant listed in Contract Information item 31 for a specified trade or area of work.

Prepayment

The amount to be advanced by the Principal in accordance with clause 57 and Contract Information item 45.

Principal

The entity named in Contract Information item 4, including its successors and assignees.

Principal's Authorised Person

The person appointed to act on behalf of the Principal under clause 2, named in Contract Information item 5 or as subsequently notified to the Contractor.

Principal's Documents

The drawings, specifications, and other documents provided to the Contractor and containing the Principal's requirements in respect of the Works.

Provisional Quantity

The quantity of an item of work specified in the Contract for which it is not known, at the Date of Contract, whether the work will be required or what the actual quantity will be.

Provisional Sum

A sum included in the *Contract Price* and identified as a provisional, monetary, prime cost, contingency or other such sum or allowance for the work specified in the Contract against that sum

RTA or Roads and Traffic Authority

"RTA" or "Roads and Traffic Authority" means the Principal, and a reference to any "RTA" document (including an RTA Specification, Test Method or other document) is a reference to the equivalent document published by the Principal (or its predecessor, the RTA), regardless of whether it is titled "RTA" or "Roads and Maritime Services" or "RMS" (in this respect, the parties acknowledge that the Principal is progressively updating its documents from "RTA" to "[RMS]" and that this is likely to be ongoing during the currency of the Contract.)"

Schedule of Rates

Any document included in the Contract identified as a *Schedule of Rates*, or which shows rates payable for carrying out items of work described in that document.

Scheduled Amount

The amount of payment (if any) stated in a *Payment Schedule*, that the Principal proposes to make in relation to a *Payment Claim* as referred to in clause 59.1.2.

Scheduled Progress

The rate of progress consistent with carrying out the work required by the Contract expeditiously and without undue delay, so that the Works and all *Milestones* will be completed by their respective *Contractual Completion Dates*.

Site

The lands and other places to be made available by the Principal to the Contractor for the purpose of executing the Works, including any existing buildings, services or other improvements, as briefly described in Contract Information item 2.

Site Conditions

Any physical conditions of the Site (including sub-surface conditions, but excluding weather conditions or physical conditions which are a consequence of weather conditions) encountered in carrying out work in connection with the Contract.

Statutory Requirements

The laws relating to the Works or the Site, or the lawful requirements of any authority or provider of services having jurisdiction over the Works, the Site, the environment or the Contract, or anyone or anything connected with the Works or the Site or the Contract.

Subcontract

An agreement between the Contractor and a Subcontractor or a Supplier.

Subcontractor

An entity (including one engaged in accordance with clause 29.3) engaged by the Contractor to carry out part of the Works or the *Temporary Work*, or both, other than a Consultant or a Supplier.

Supplier

An entity engaged by the Contractor to supply *Materials* in connection with the Works.

Temporary Work

Temporary structures, amenities, physical services and other work, including *Materials*, plant and equipment used to carry out the Works but not forming part of the Works.

Test

Examine, inspect, measure, prove and trial, including uncovering any part covered up, if necessary; *Testing* and other derivatives of *Test* have a corresponding meaning.

Undertaking

An unconditional undertaking to pay on demand, in the relevant form of Schedule 2 (Undertaking).

Unresolved Claim

A *Claim* rejected or not agreed under clause 68.6.

Value Completed

The value of work (including design work) carried out by the Contractor and included in a *Payment Claim*, as referred to in Schedule 3 (Payment Claim Worksheet).

Valuer

The entity engaged to determine time and value matters under clause 35.

Variation

Any change to the Works including additions, increases, omissions and reductions to and from the Works, but not including such changes in respect of the development by the Contractor of the design for the Works (including development of shop drawings and other *Contractor's Documents*) in accordance with the requirements of the Contract.

Works

The works to be designed, constructed and handed over to the Principal on *Completion* by the Contractor, including all work and items of the types referred to in clause 8.1 and *Variations*, but excluding *Temporary Work*. The term applies to the Works as a whole and also to any part of the Works unless the context requires otherwise. Contract Information item 3 briefly describes the Works.

Contract Information

The Contract Information is part of the Contract. Words and phrases are defined in clause 79.

Contract

Item

1 Contract name

The Contract name is:

Old Wallgrove Road Upgrade: Robert Road to M7 Interchange

The Contract number is:

13.2613.0706

2 Site

Defined in clause 79

The Site is:

Old Wallgrove Road between the newly constructed Erskine Park Link Road to the M7 interchanges, including intersections and adjoining roads; Robert Road, Eastern Creek Road, Southridge Street, Quarry Road, Mini Link Road and Wallgrove Road as shown on the General Alignment Drawings.

3 Description of the Works

Mentioned in clause 8

The Works are:

Construction of roadworks, bridges, general earthworks, drainage, retaining walls, utility relocations, landscaping, and property adjustments for the widening and upgrade of Old Wallgrove Road between Roberts Road and the M7 Interchange, construction of a new Mini-Link Road and localised widening of Wallgrove Road, including the provision of bus, pedestrian and cyclist facilities.

Principal's details

4 Principal

The Principal is:

Roads and Maritime Services

5 Principal's Authorised Person

Mentioned in clause 2

The *Principal's Authorised Person* is:

John Navamani

6 Notices to the Principal

Mentioned in clause 11

Notices must go to the *Principal's Authorised Person* named above, at the address or number shown here.

Office address:

27-31, Argyle Street

(for delivery by hand)	Parramatta NSW 2150
Postal address: (for delivery by post)	PO Box 973, Parramatta NSW 2124
Facsimile number:	(02) 8849 2816
e-mail address:	John.Navamani@rms.nsw.gov.au

7 Principal's Senior executive

Mentioned in clauses 69 & 70

The Principal's senior executive is:	Director, Infrastructure Development or nominee
Office address: (for delivery by hand)	101 Miller Street North Sydney NSW 2060
Postal address: (for delivery by post)	Locked Bag 928 North Sydney NSW 2059
Facsimile number:	02 8588 4171
e-mail address:	senior.executive@rms.nsw.gov.au

Contractor's details

8 Contractor

The Contractor is:	Daracon Contractors Pty Ltd..... ABN 82 002 344 667..... ACN 002 344 667.....
--------------------	---

9 Contractor's Authorised Person

Mentioned in clause 2

The <i>Contractor's Authorised Person</i> is:	Paul Roumanos.....
---	--------------------

10 Notices to the Contractor

Mentioned in clause 11

Notices must go to the Contractor's Authorised Person named above, at the address or number shown here.

Office address: (for delivery by hand)	184 Adderley Street West..... Auburn NSW 2144.....
---	---

Postal address: (for delivery by post)	PO Box 6145..... Silverwater BC, NSW 1811.....
---	--

Facsimile number: 9748 2170.....

e-mail address: paulr@daracon.com.au.....

11 Contractor’s senior executive

Mentioned in clause 70

The Contractor’s senior executive is: Jon Mingay.....

Office address: 17 James Street.....
(for delivery by hand) Wallsend NSW 2287.....
.....
.....

Postal address: PO Box 299.....
(for delivery by post) Wallsend NSW 2287.....
.....
.....

Facsimile number: 49511070.....

e-mail address: jonm@daracon.com.au.....

Dates and times

12 Date of Contract

Defined in clause 79

The Date of Contract is: date of the Principal’s *Letter of Award* to the Contractor.....

13 Times for Site access and Completion

Site access: Mentioned in clause 34

Contractual Completion Date and Completion: Mentioned in clause 65

Time periods for Site access and for calculating *Contractual Completion Dates* are as shown.

A -- Whole of the Works

Description	Time Period for giving Site access	Time Period for Completion
The whole of the Works:	14 days from <i>Date of Contract</i> .	98 weeks from <i>Date of Contract</i>

B – Milestones

Milestone number	Description	Time Period for giving Site access	Time Period for Completion
		(“as for the whole	(“as for the whole

		of the Works” applies in the boxes below if not filled in)	of the Works” applies in the boxes below if not filled in)
1		»	» weeks from <i>Date of Contract</i>
2		»	» weeks from <i>Date of Contract</i>
3		»	» weeks from <i>Date of Contract</i>
4		»	» weeks from <i>Date of Contract</i>

Statutory and Government requirements

14 Fees, charges and approvals

Mentioned in clause 12

Approvals that have been obtained or will be obtained, and fees and charges that have been paid or will be paid, by the Principal are:

- Approval under Part 5 of the Environmental Planning and Assessment Act 1979
- Aboriginal Heritage Impact Permit (AHIP) issued pursuant to Section 90C(4) of the National Parks and Wildlife Act 1974.

15 Compliance with NSW Government guidelines

A - Work Health and Safety (WHS)

Mentioned in clause 15.3

Is the Contractor required to implement a Corporate WHS Management System?
(Yes/No)

Yes

Is the Contractor required to submit a Project WHS Management Plan?
(Yes/No)

Yes

B - Workplace Relations (WR)

Mentioned in clause 15.3

Is the Contractor required to submit a Workplace Relations Management Plan?
(Yes/No)

Yes

within 14 days after the Date of Contract.

C Quality Management

Mentioned in clause 15.3

Is the Contractor required to implement an accredited Quality Management System? (Yes/No)

Yes

Is the Contractor required to submit a Quality Management Plan? (Yes/No)

Yes

before starting design or construction work in connection with the Contract.

D - Environmental Management

Mentioned in clause 15.3

Is the Contractor required to implement an Environmental Management System? (Yes/No)

Yes

E - Training Management

Mentioned in clause 15.3

Is the Contractor required to implement an Enterprise Training Management Plan accepted by the Principal? (Yes/No)

Yes

F - Aboriginal Participation

Mentioned in clause 15.3

The Aboriginal Participation Project Category is:

3

Is the Contractor required to submit an Aboriginal Participation Plan? (Yes/No)

Yes

16 Requirements for Commonwealth Funded projects

A – Building Code 2013

Mentioned in clause 13.17

Is the Contractor required to comply with the Building Code 2013?

No

B – Australian Government Building and Construction OHS Accreditation Scheme

Mentioned in clause 17

Is the Contractor required to maintain accreditation under the Australian Government Building and Construction OHS Accreditation Scheme?

No

17 Principal contractor

Is the Contractor appointed as principal contractor? (Yes/No)

Yes

Mentioned in clause 16

18 Working hours and working days

Working hours and working days are:

between 7am to 6pm Monday to Friday inclusive but excluding proclaimed public holidays and the Contractor's rostered days off

Mentioned in clause 18

Liability

19 Not used

Not used

20 Proportionate liability

Is proportionate liability excluded from the Contract? (Yes/No)

Yes

Mentioned in clause 26.12

Insurance

21 Works insurance

Minimum cover is:
Insurer:
Policy number:
Period of cover is:

RMS's Principal Arranged Insurance
As per Schedule 10
As per Schedule 10
until issue of the *Final Payment Schedule*.

Mentioned in clauses 27.1 & 27.2

22 Public liability insurance

Minimum cover is:
Insurer:
Policy number:
Period of cover is:

RMS's Principal Arranged Insurance
As per Schedule 10
As per Schedule 10
until issue of the *Final Payment Schedule*.

23 Workers compensation insurance

Minimum cover is:
Insurer:
Policy number:
Period of cover is:

as required by law.
until issue of the *Final Payment Schedule*.

Mentioned in clause 27.12

24 Professional indemnity insurance

Mentioned in clause 27.12.2

Minimum cover is: Not required

24A Asbestos liability insurance

Mentioned in clause 27.14

Minimum cover (Third Party Property Damage) \$20 million
Insurer:
Policy number:
Period of cover is: until issue of the *Final Payment Schedule*.

25 Marine liability insurance

Mentioned in clause 27.15

Marine liability

Minimum cover is: Not Applicable
Insurer:
Policy number:
Period of cover is: the whole of the period of use of waterborne craft of 8 or more metres in length on work in connection with the Contract.

Marine protection and indemnity

Minimum cover is: Not Applicable
Insurer:
Policy number:
Period of cover is: the whole of the period of use of waterborne craft of 8 or more metres in length on work in connection with the Contract.

25A Motor Vehicle Fleet/ Mobile Plant Insurance

Mentioned in clause 27.12.3

Minimum cover (Third Party Property Damage) \$20 million
Insurer:
Policy number:
Period of cover is: until issue of the *Final Payment Schedule*.

Contract Documents

26 Other Contract Documents

Mentioned in clause 7.1.5

Other *Contract Documents* (not listed in clause 7) are:

1. the *Letter of Award*, and any formal agreement or deed constituting the Contract;
2. any written communications between the

- parties listed in the *Letter of Award*, formal agreement or deed as documents forming part of the Contract;
- 3. Minutes of Pre-tender meeting(s), Addenda issued prior to close of tender, (Contractor's) Tender Post-tender correspondence.

Principal's Documents

27 Copies of Principal's Documents

Mentioned in clause 7.4

The number of copies of the *Principal's Documents* to be provided to the Contractor is:

1 electronic copy

Contractor's Documents

28 Copies of Contractor's Documents

Mentioned in clause 40.1

The number of copies of the *Contractor's Documents* to be provided to the Principal is:

1 electronic copy in a format acceptable to the Principal

Subcontract work

29 Inclusion of consistent requirements in Subcontracts

Mentioned in clause 28.4.1

The Subcontract value requiring inclusion of the provisions set out in Schedule 9 (Subcontract requirements) is:

\$100,000.00.

30 Payment period for Subcontracts

Mentioned in clause 28.4.2

The maximum period before payment, for Subcontracts less than the value stated in Contract Information item 29, is:

15 Business Days.

31 Preferred Subcontractors

Mentioned in clause 29.3

The *Preferred Subcontractors* referred to in clause 29 are:

Class of work	Subcontractors
Roadworks Bridgeworks	Categories under the National Prequalification System for Civil (Road and Bridge) Construction Contracts Class R4 and F75 Class B3 K1 (or equivalent experience)

Lean mix Asphalt paving Pretensioned Concrete Super-T Bridge Girders	A1 C2
Drainage Works Earthworks Primary Testing Traffic Control Traffic Signal Stabilisation Works Formwork Minor Steel Fabrication Pavement Marking	Categories under RMS Registration Scheme for Construction Industry Contractors categories D E L2 G TS02 Z1 (or equivalent experience) B1 or F Steel Fabrication Class S or SM - accredited under the Painting Contractors Certification Program (refer to RMS G1)
Telstra asset adjustment NBNSCo. asset adjustment	Categories under RMS Registration Scheme for Construction Industry Contractors categories Telstra Telstra accredited subcontractor

32 Subcontractor's warranty

Mentioned in clause 30.1

Trades or areas of work requiring a Subcontractor's warranty are:

Manufacture and Delivery of Road Signs, Clause 10 of RMS 3400.
Cold Applied Elastomeric Joint Sealants, Clause 5 of RMS B312.
Elastomeric Strip Seal Expansion joint. Clause 1.4 of RMS B315.
Serviceability of Sprayed Bituminous Waterproofing Membrane for Concrete Bridge Decks, Clause 7 of RMS B344.
Manufacture of Bridge Name Plates, Clause 8 of RMS B345.
Proprietary Aluminium Expansion Joints, Clause 1.4 of RMS B319
Closed Circuit Television System for Broadband Connection, Clause 15 of RMS R160.

Undertakings

33 Completion Undertaking

The amount of the *Completion Undertaking* is:

4%

Mentioned in clause 33.1

34 Post-Completion Undertaking

The Amount of *Post-Completion Undertaking* is:

1%

Mentioned in clause 33.1

35 Return of Post-Completion Undertaking

The period at the end of which the *Post-Completion Undertaking* must be returned is:

12 months.

Mentioned in clause 33.2.2

Site information

36 Site information

Mentioned in clause 36

Information contained in the documents identified in *Contract Information* items 36A and 36B does not form part of the Contract.

A - Documents not guaranteed for completeness

Documents not guaranteed for completeness are:

Not Used

B Documents not guaranteed for accuracy, quality or completeness

Documents not guaranteed for accuracy, quality or completeness are:

Geotechnical Information

- Old Wallgrove Road/ Wallgrove Road/M7 Interchanges – Geotechnical Investigations Factual Report, May 2013

Environmental Information:

- Old Wallgrove Road Widening (Roberts Road – M7 Motorway) Eastern Creek, Review of Environmental Factors, October 2012
- Old Wallgrove Road Widening (Roberts Road – M7 Motorway) Eastern Creek, Submissions Report, April 2013
- Old Wallgrove Road Widening (Roberts Road to Wallgrove Road) Eastern Creek – Project Environmental Management Plan;
- Old Wallgrove Road Widening (Roberts Road to Wallgrove Road) Eastern Creek – Heritage

- Management Sub-Plan;
 - Old Wallgrove Road Widening (Roberts Road to Wallgrove Road) Eastern Creek – Noise and Vibration Management Sub-Plan;
 - Old Wallgrove Road Widening (Roberts Road to Wallgrove Road) Eastern Creek – Flora and Fauna Management Sub-Plan
- Drawings:
 - Volume 16: Existing Utility Authority Drawings
 - Volume 21: Staged Construction Drawings
- Electronic Model File
 - Electronic design model: GENIO RMS 140123.TXT

37 Site Conditions

Mentioned in clause 37.2

Is the Contractor to bear the full risk, including cost and time implications, of encountering and dealing with materially adverse *Site Conditions*? (Yes/No)

No

Design and documentation

38 Scope of design activities

Mentioned in clause 1.1.1

A - Design by the Contractor

Mentioned in clause 39

.1 Items, services and components of the Works for which the Contractor is responsible for developing the design provided by the Principal (clause 39.1.2):

All necessary design for or in respect of the Works not already performed by the Principal, including but not limited to all design development, documentation and coordination of the design of the various engineering and architectural disciplines, workshop detailing and finalisation of the *Design* in all respects, in accordance with the *Contract Documents*. Refer also to clause 39. Under no circumstances may the Contractor change the Principal's design without the Principal's prior written approval. If the Principal's design is required to be changed with the Principal's approval, the *Variation* is to be valued under clause 48.

.2 Items, services and components of the Works which the Contractor

- Precast Headwalls
- Dwarf block walls within property

must fully design (clause 39.1.3):

adjustments

.3 Items, services and components of the Works in respect of which the Contractor may depart from the design provided by the Principal (clause 39.7):

None

B - Building Code of Australia

Mentioned in clauses 39 & 43

Does the Building Code of Australia apply? (Yes/No)

No

Innovation

39 Innovation

Mentioned in clause 41.4

The percentage of financial benefit to be allocated to the Contractor is:

50%

Payments

40 Contract Price at the Date of Contract

Mentioned in clauses 55.1 and 55.3

The *Contract Price* at the Date of Contract is:

\$

Basis of payment:

The basis of payment is:
(Lump sum / *Schedule of Rates* /
Schedule of Rates and lump sums)

Schedule of Rates and lump sums

41 Rise or fall adjustments

Mentioned in clause 55.2

Are rise or fall adjustments applicable to the Contract (excluding *Daywork*)? (Yes/No)

Yes
As specified in Schedule 7.

42 Provisional Sums

Mentioned in clause 55.4

Provisional Sum items referred to in clause 55.4 are:

Refer to Schedule of Rates

43 Provisional Sum margin

Mentioned in clause 55.4

The *Provisional Sum* margin is:

10%

44 Contractor's Margin

Mentioned in clauses 47 and 79

The Contractor's Margin includes profit and off site overheads:

The percentage for *Contractor's Margin* is: 10%

45 Amount of Prepayment

Mentioned in clause 57.1.1

The amount of *Prepayment* is: 10% of the *Contract Price*

46 Payment date and method

A - Date for Payment Claims

Mentioned in clause 58.1

The date in the month for making *Payment Claims* is: The first *Business Day* of each calendar month.

B - Method of payment

Mentioned in clause 58.2

Milestones for which payment will not be made until after they reach *Completion*: Monthly *Progress Payments*

47 Completion Amount

Mentioned in clause 60

The *Completion Amount* is: Nil

48 Interest on late payments

Mentioned in clause 62

The rate of interest per annum is: the rates as determined by the Uniform Civil Procedure Rules 2005 on unpaid judgments for the period in which the amount remains unpaid

Delay costs

49 Delay costs and liquidated damages

Mentioned in clauses 34 & 51

A - Delay costs

The following rates apply per working day. These rates* are exclusive of GST.

For any delay to Completion of the whole of the Works that occurs within the first 8 weeks from the Date of Contract, or is due to the Principal's failure to give the Contractor access to the Site in accordance with clause \$ 9,500

34 the rate* is:

For any delay to Completion of the whole of the Works that occurs after the expiry of the first 8 weeks from the Date of Contract, the applicable rate* is as set out below:

- If the cause of the delay falls within clause 51.1.1, the rate* is: \$ 22,310
- If the cause of delay falls within clauses 51.1.3 to 51.1.8, then:
 - If some construction activity continues or is possible, the rate* is: \$ 22,850
 - If no construction activity continues or is possible:
 - the rate* applicable for the first 10 working days of any single period of delay is: \$ 27,690
 - the rate* for each subsequent working day after the first 10 working days of any single period of delay is: \$ 22,310

** The rates for each are separate and distinct from each other.*

B - Liquidated damages

Mentioned in clauses 51.5 and 51.6

Do liquidated damages apply to this Contract? (Yes/No)

Yes

The rate per day for liquidated damages for the whole of the Works* is:

\$ 4,000

The rates per working day for liquidated damages for *Milestones** are: (exclusive of GST)

Milestone 1: \$ >>

Milestone 2: \$ >>

Milestone 3: \$ >>

** The rates for each are separate and distinct from each other.*

Engagement of Valuer

50 Engagement of Valuer

A - Engagement of Valuer

Mentioned in clause 35

Must a Valuer be engaged? (Yes/No)

No

B - Person to select the Valuer

Mentioned in clause 35

The person is:

Not Applicable

Telephone number:

>>

Facsimile number: »

C - Litigation Threshold

Mentioned in clause 35

The threshold amount for litigation following a Valuer's determination is: Not Applicable

Expert Determination

51 Not used

52 Expert Determination representative

Mentioned in clause 71

The representative of the Principal for all of the purposes in clause 71, and under Schedule 5 (Expert Determination Procedure) is: Legal Counsel Infrastructure Law

Office address:
(for delivery by hand) 101 Miller Street
North Sydney NSW 2060

Postal address:
(for delivery by post) Locked Bag 928
North Sydney NSW 2059

Facsimile number: 02 8588 4133

e-mail address: expert.determination@rms.nsw.gov.au

53 Person to nominate an Expert

Mentioned in clause 71

The person is: Chairperson,
Engineers Australia Sydney Division
Level 3
8 Thomas Street
Chatswood 2067

Telephone number: Telephone (02) 9410 5600

Facsimile number: Facsimile (02) 9410 0000

54 Threshold amount for litigation

Mentioned in clause 71

The threshold amount for litigation following an *Expert's* determination is: \$500,000.00

Schedules

Schedule 1	Subcontractor's Warranty
Schedule 2	Undertaking
Schedule 3	Payment Claim Worksheet
Schedule 4	Agreement with Valuer
Schedule 5	Expert Determination Procedure
Schedule 6	Contractor's Statement and Supporting Statement
Schedule 7	Costs Adjustment Formula
Schedule 8	Daywork
Schedule 9	Subcontract requirements
Schedule 10	Extracts of Insurance Policy Terms
Schedule 11	Statement regarding Materials
Schedule 12	Compliance with Building Code 2013

Subcontractor's Warranty

The Contractor has entered into the Contract with the Principal for the carrying out of the Works.

The Subcontractor has entered into an agreement with the Contractor for the Subcontract Work or Products, which are to be used by the Contractor in performing the Contract.

In return for the Principal allowing the Subcontract Work or Products to be used in the Works, the Subcontractor agrees to give the warranties, indemnities and other promises in this Deed. The obligations created by this Deed are in addition to the obligations of the Subcontractor to the Contractor and do not affect any other rights or remedies available to the Principal against the Contractor or the Subcontractor.

Refer to clause 30.1 of the GC21 General Conditions of Contract.

Definitions

Deed dated:
	between
Subcontractor or Supplier:

	ABN
	and
The Principal:	»
	concerning
The Contract:	The contract between the Principal and the Contractor
Contract Name:	»
Contract Number:	»
Works:	The works to be designed (to the extent specified) and constructed by the Contractor, as described in the Contract.
The Contractor:
	ABN
Subcontract Work or Products:
Warranty Period:years from the <i>Actual Completion Date</i> of the whole of the Works.

Other words and phrases in this Deed have the meanings given in the Contract.

In this Deed, the term Subcontractor includes Supplier. The terms Subcontractor, Contractor and Principal include their successors and permitted assignees.

Terms of Deed

- 1 Warranty
 - .1 The Subcontractor warrants that all work performed and all *Materials* supplied by the Subcontractor as part of the Subcontract Work or Products will:
 - .1 comply in all respects with the requirements of the Contract;
 - .2 to the extent that the quality of *Materials* or standard of workmanship is not specified in the Contract, comply with the applicable industry standards, including (without limitation) the Building Code of Australia and any applicable Australian Standards; and
 - .3 be fit for the purposes for which they are required.

- .2 The Subcontractor warrants that it will use reasonable skill and care in performing all work associated with the Subcontract Work or Products.

2 Replacement or making good

- .1 The Subcontractor promises to replace or make good, to the reasonable satisfaction of the Principal, any of the Subcontract Work or Products which are found, within the Warranty Period, to:
 - .1 be of a lower standard or quality than referred to in clause 1 of this Deed; or
 - .2 have deteriorated to such an extent that they are no longer fit for the purposes for which they were required.
- .2 The liability of the Subcontractor is reduced to the extent that deterioration is caused by:
 - .1 mishandling, damage before installation, or incorrect installation, in each case caused by others;
 - .2 normal wear and tear;
 - .3 incorrect operational procedures or maintenance, in each case not attributable to the Subcontractor; or
 - .4 any other cause beyond the control of the Subcontractor.
- .3 Nothing in this Deed affects the Subcontractor's liability with respect to the Subcontract Work or Products.

3 Costs

- .1 The Subcontractor promises to undertake, and meet the reasonable cost of, any work necessary to:
 - .1 carry out any part of the Works to enable the requirements of clause 2 of this Deed to be met; or
 - .2 restore or make good the Works after meeting those requirements,whichever the Principal requires.

4 Indemnity

- .1 The Subcontractor indemnifies the Principal against claims (including *Claims*, actions and loss or damage) arising out of breach by the Subcontractor of clauses 1 or 2 of this Deed.

5 Notice of Defects

- .1 The Principal may notify the Subcontractor in writing if it considers there has been any breach of the warranty in clause 1 of this Deed or if the Principal requires the Subcontractor to replace or make good any of the Subcontract Work or Products under clause 2 of this Deed.

6 Time to remedy

- .1 The Subcontractor must do everything to remedy any breach notified to it, or to carry out any replacement or making good required under clause 5 of this Deed, within a reasonable time after receiving the Principal's notice.

7 Failure to remedy

- .1 If the Subcontractor fails to complete the work specified in the Principal's notice under clause 5 of this Deed within a period determined by the Principal to be reasonable in the circumstances, the Principal may give written notice to the Subcontractor that the Principal intends to have that work carried out by others. This notice must allow a reasonable period for the Subcontractor to respond.
- .2 If the Subcontractor fails to complete the work by the date specified in clause 7.1 of this Deed, or another date agreed by the parties, the Principal may have the work carried out by others, and the Subcontractor indemnifies the Principal for the reasonable costs and expenses of doing so.

8 Urgent action by Principal

- .1 The Principal may take any urgent action necessary to protect the Works, other property or people as a result of a breach of clause 1 of this Deed.

- .2 The Subcontractor agrees that the Principal taking such action does not affect the warranty or any other obligation of the Subcontractor under this Deed.
- .3 The Subcontractor indemnifies the Principal for the reasonable costs and expenses paid or payable in taking that action.

9 Assignment

- .1 The Principal may assign its rights and benefits under this Deed to the owner or operating authority of the Works and must give notice of that assignment to the Subcontractor.

10 Operation of Deed

- .1 This Deed comes into effect when executed by the Subcontractor, and is effective whether or not executed by the Principal.

Executed as a deed

The common seal of the Subcontractor was affixed in accordance with its Articles of Association in the presence of:

Signature of Director/Secretary:

Name of Director/Secretary:

Signature of Director:

Name of Director:

or (if the Subcontractor is not a corporation)

Signed, sealed and delivered on behalf of the Subcontractor by:

Signature of Authorised Person:

Name of Authorised Person:

and witnessed by:

Signature of witness:

Name of witness (in full):

Signed, sealed and delivered on behalf of the Principal by:

Signature of Authorised Person:

Name of Authorised Person:

and witnessed by:

Signature of witness:

Full name of witness:

Place:

Undertaking

Refer to clauses 33, 57 and 58 of the GC21 General Conditions of Contract.

On behalf of the Contractor

Name of Financial Institution:

The Principal: »

The Contractor:

ABN

Security Amount: \$

The Contract: The contract between the Principal and the Contractor

Contract Name: »

Contract Number: »

Undertaking

- .1 At the request of the Contractor and the Financial Institution, and in consideration of the Principal accepting this *Undertaking* from the Financial Institution in connection with the Contract, the Financial Institution unconditionally undertakes to pay on demand any amount or amounts demanded by the Principal to the maximum aggregate sum of the Security Amount.
- .2 The Financial Institution unconditionally agrees that, if notified in writing by the Principal (or someone authorised by the Principal) that it requires all or some of the Security Amount, the Financial Institution will pay the Principal at once, without reference to the Contractor and despite any notice from the Contractor not to pay.
- .3 The Principal must not assign this *Undertaking* without the prior written agreement of the Financial Institution, which must not be unreasonably withheld.
- .4 This *Undertaking* continues until one of the following occurs:
 - .1 the Principal notifies the Financial Institution in writing that the Security Amount is no longer required;
 - .2 this *Undertaking* is returned to the Financial Institution; or
 - .3 the Financial Institution pays the Principal the whole of the Security Amount, or as much as the Principal may require overall.
- .5 At any time, without being required to, the Financial Institution may pay the Principal the Security Amount less any amounts previously paid under this *Undertaking* (or a lesser sum specified by the Principal), and the liability of the Financial Institution will then immediately end.

Dated at

Execution by the Financial Institution:

Payment Claim Worksheet

Refer to clause 58 of the GC21 General Conditions of Contract.

The Contractor: »
 ABN »

The Contract: The contract between the Principal and the Contractor

Contract Title: »

Contract Number: »

Name of Financial Institution: »

Account Name: »

Account Number »

Where the Contract includes a schedule of prices for work covered by a lump sum.

Item no	Description of work	Quantity	Unit	Rate *	Value Completed \$*
Total Value Completed for schedule of prices					

Where the Contract includes a Schedule of Rates

Pay Item	Description of work	Quantity	Unit	Rate *	Value Completed \$*
Total Value Completed for Schedule of Rates					

Materials

Pay Item	Description of work	Quantity	Unit	Rate *	Value Completed \$*
Total Value Completed for Materials					

Variations

Pay Item	Description of work	Quantity	Unit	Rate *	Value Completed \$*
Total Value Completed for Variations					

Total Value Completed \$
GST
Total Value including GST

* Amounts and rates are GST exclusive.

Agreement with Valuer

Refer to clause 35 of the GC21 General Conditions of Contract.

Definitions

Agreement dated:
	between:
The Valuer:
	ABN
	and:
The Principal:	»
	and:
The Contractor:
	ABN
	concerning:
The Contract:	The contract between the Principal and the Contractor
Contract Name:	»
Contract Number:	»
Dated:
The Works:	The works to be designed and constructed by the Contractor, as described in the Contract.

Unless the context requires otherwise, other words and phrases in this agreement have the meanings given in the Contract.

The terms Contractor and Principal include their successors and permitted assignees.

Terms of agreement

- 1 Request to determine and acceptance
 - .1 The parties request the Valuer to determine the value and time associated with *Variations* and other matters referred to the Valuer under the Contract. The Valuer agrees to comply with this request in accordance with this agreement.
- 2 Determination by Valuer
 - .1 When a matter is referred to the Valuer by either party, the Valuer must consult with both parties, determine the matter in accordance with this agreement and as specified in the Contract, and issue a certificate stating the determination within 28 days (or another period agreed by the parties) after the matter is referred to the Valuer.
 - .2 If a certificate issued by the Valuer contains a clerical mistake, an error arising from an accidental slip or omission, a material miscalculation of figures, a mistake in the description of any person, matter or thing, or a defect of form, then the Valuer must correct the certificate.
- 3 Principles for valuation
 - .1 The Valuer must determine all matters referred to it in accordance with the principles and procedures set out in the Contract.

4 Meeting

- .1 The Valuer may meet with the parties together to discuss a matter referred under this agreement. The parties agree that such a meeting is not a hearing which would give anything under this agreement the character of an arbitration.

5 Documents

- .1 The Valuer must take into consideration:
.1 documents, information and other written material which has been exchanged by the parties before the request to the Valuer;
.2 any submission or submission in reply made by a party to the Valuer (which must be copied to the other party); and
.3 information or material provided under clause 6.1.2 of this agreement.
.2 The Valuer must fix appropriate times for the provision of any submissions and submissions in reply.
.3 The parties acknowledge that when a matter referred to the Valuer involves a claim from a Subcontractor, Supplier or Consultant's, the Valuer will give the relevant Subcontractor, Supplier or Consultant the opportunity to be involved in the valuation process. The Valuer must wherever possible include in the certificate details of the entitlement determined for each Subcontractor, Supplier or Consultant.

6 Role of Valuer

- .1 The Valuer:
.1 acts as an expert and not as an arbitrator;
.2 is not expected or required to obtain or refer to any information or material relating to trade information or other third party material but may do so if the Valuer wishes; and
.3 must issue a certificate in a form the Valuer considers appropriate, stating the Valuer's determination, with reasons.

7 Certificate final

- .1 Subject to clause 35.1.3 of the GC 21 General Conditions of Contract, the parties agree to accept the determination in the Valuer's certificate as final and binding.

8 Liability of Valuer

- .1 The Valuer is not liable for anything done or omitted by the Valuer under this agreement, other than fraud.

9 Fees and expenses

- .1 The Principal and the Contractor must share equally the fees and out-of-pocket expenses of the Valuer for the determination. However, the Principal alone must pay all such fees and out-of-pocket expenses related to any Variation which the Principal proposes but does not later instruct.
.2 The fees payable to the Valuer under this agreement are:
.1 An administration fee of \$» for reviewing the Contract Documents
.2 An amount for the time involved in performing the Valuer's duties under this agreement based on these hourly rates:
Director \$...../hour
Associate \$...../hour
Senior Quantity Surveyor / Engineer \$...../hour
Quantity Surveyor / Engineer \$...../hour
Technician \$...../hour
.3 Substantiated out-of-pocket expenses.

10 Confidentiality

- .1 The parties and the Valuer must keep confidential all proceedings and submissions relating to a determination by the Valuer. They must not divulge information to any other person except with the prior written consent of the other party, or as required by law, or in order to enforce a determination of the Valuer.

11 Termination of agreement

- .1 This agreement may be terminated by a written notice to the Valuer signed by both the Principal and the Contractor. The Principal and the Contractor may then, separately or together, recover all documents each had provided to the Valuer. They must then pay all the Valuer's outstanding fees and expenses in accordance with clause 9 of this agreement.

12 Payment

- .1 The Principal and the Contractor must pay the Valuer within 14 days after receiving an invoice which complies with this agreement.
- .2 The Principal and the Contractor must advise the Valuer of the necessary details for invoicing if they have agreed that one of them will make payments to the Valuer on behalf of both.

13 Period of engagement of Valuer

- .1 Unless this agreement is terminated under clause 11 of this agreement, the Valuer is engaged until the time of issue of the *Final Payment Schedule*, plus any further period of time required for any referred matter which has not been determined by the Valuer by the time the *Final Payment Schedule* is issued.

Signed by the Contractor:

Signature of Authorised Person:
Name of Authorised Person:
Date:

Signed by the Principal:

Signature of Authorised Person:
Name of Authorised Person:
Date:

Signed by the Valuer:

Signature of Valuer:
Name of Valuer:
Date:

Expert Determination Procedure

Refer to clause 71 of the GC21 General Conditions of Contract.

- 1 Questions to be determined by the Expert
 - .1 For each *Issue*, the *Expert* must determine the following questions, to the extent that they are applicable to the *Issue* and unless otherwise agreed by the parties:
 - .1 Is there an event, act or omission which gives the claimant a right to compensation, or assists in otherwise resolving the *Issue* if no compensation is claimed:
 - .1 under the Contract,
 - .2 for damages for breach of the Contract, or
 - .3 otherwise in law?
 - .2 If so:
 - .1 what is the event, act or omission?
 - .2 on what date did the event, act or omission occur?
 - .3 what is the legal right which gives rise to the liability to compensation or resolution otherwise of the *Issue*?
 - .4 is that right extinguished, barred or reduced by any provision of the Contract, estoppel, waiver, accord and satisfaction, set-off, cross-claim or other legal right?
 - .3 In light of the answers to the questions in clauses 1.1.1 and 1.1.2 of this Expert Determination Procedure:
 - .1 what compensation, if any, is payable by one party to the other and when did it become payable?
 - .2 applying the rate of interest specified in the Contract, what interest, if any, is payable when the *Expert* determines that compensation?
 - .3 if compensation is not claimed, what otherwise is the resolution of the *Issue*?
 - .2 The *Expert* must determine, for each *Issue*, any other questions identified or required by the parties, having regard to the nature of the *Issue*.
- 2 Submissions
 - .1 The procedure for submissions to the *Expert* is as follows:
 - .1 The party to the Contract which referred the *Issue* to *Expert Determination* must make a submission in respect of the *Issue*, within 15 *Business Days* after the date of the letter of engagement of the *Expert* referred to in clause 71.3 of the GC21 General Conditions of Contract.
 - .2 The other party must respond within 15 *Business Days* after receiving a copy of that submission or such longer period as the other party may reasonably require, having regard to the nature and complexity of the *Issue* and the volume of the submission. If the parties do not agree on that longer period, the party desiring the longer period may make a submission on the point to the *Expert*, within the time specified by the *Expert*, and the *Expert* will promptly determine any extra time permitted. The response to the submission in clause 2.1.1 may include cross-claims.
 - .3 The party referred to in clause 2.1.1 may reply to the response of the other party, but must do so within 10 *Business Days* or such longer period as that party may reasonably require (in the same terms as in clause 2.1.2) after receiving the response, and must not raise new matters.
 - .4 The other party may comment on the reply, but must do so within 10 *Business Days* or such longer period as that party may reasonably require (in the same terms as in clause 2.1.2) after receiving the reply, and must not raise new matters.
 - .2 The *Expert* must ignore any submission, response, reply, or comment not made within the time given in clause 2.1 of this Expert Determination Procedure, unless the Principal and the Contractor agree otherwise.

- .3 The *Expert* may request further information from either party. The request must be in writing, with a time limit for the response. The *Expert* must send a copy of the request and the response to the other party, and give the other party a reasonable opportunity to comment on the response.
- .4 All submissions, responses, replies, requests and comments must be in writing. If a party to the Contract gives information to the *Expert*, it must at the same time give a copy to the other party. All documents to be sent to the Principal under this Expert Determination Procedure must be sent to the relevant person at the relevant postal or other address stated in Contract Information item 52.

3 Conference

- .1 The *Expert* may request a conference with both parties to the Contract. The request must be in writing, setting out the matters to be discussed.
- .2 The parties agree that such a conference is not to be a hearing which would give anything under this Expert Determination Procedure the character of an arbitration.

4 Role of Expert

- .1 The *Expert*:
 - .1 acts as an *Expert* and not as an arbitrator;
 - .2 must make its determination on the basis of the submissions of the parties, including documents and witness statements, and the *Expert's* own expertise; and
 - .3 must issue a certificate in a form the *Expert* considers appropriate, stating the *Expert's* determination and giving reasons, within 16 weeks, or as otherwise agreed by the parties, after the date of the letter of engagement of the *Expert* referred to in clause 71.3 of the GC21 General Conditions of Contract.
- .2 If a certificate issued by the *Expert* contains a clerical mistake, an error arising from an accidental slip or omission, a material miscalculation of figures, a mistake in the description of any person, matter or thing, or a defect of form, then the *Expert* must correct the certificate.

Contractor's Statement and Supporting Statement

Refer to clause 58.6.1 of the GC21 General Conditions of Contract

1. Contractor's Statement

Contractor Statement Payment of Workers, Worker's Compensation Premiums & Payroll Tax		Transport Roads & Maritime Services
This Statement must be provided whenever payment is sought for any work carried out for Roads and Maritime Services (RMS) by a Contractor (see Notes 1 & 5 overleaf). RMS is entitled to withhold payment until this Statement is provided (see Note 2).		Workers Compensation Insurance Certificate of Currency for the work period in question. Unless the contractor is exempt <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-top: 5px;"> Attach </div>
Details		
Contractor's Legal Name	<input style="width: 100%;" type="text"/>	
Contractor's Trading / Business Name	<input style="width: 100%;" type="text"/>	
Contractor's ABN	<input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>	Contractor's ACN
Contractor's Address	<input style="width: 100%;" type="text"/>	
Name or description of Contract or Works	<input style="width: 100%;" type="text"/>	
Period of Work this Statement applies to (see Note 3)	From <input style="width: 150px;" type="text"/>	To <input style="width: 150px;" type="text"/>
Invoice or Payment Claim Numbers this applies to	<input style="width: 100%;" type="text"/>	
Invoice or Payment Claim Dates this Statement applies to	<input style="width: 100%;" type="text"/>	
Statement Validity Period		
This Statement applies to all work performed by the Contractor for RMS in respect of the above Contract/ Works for the period stated above (see Notes 3 & 4).		
Declaration		Tick one in each row
I declare that the following is true to the best of my knowledge and belief in respect of the Period of Work above:		
<ul style="list-style-type: none"> • All workers engaged by the Contractor in respect of the works have been paid (see Note 6); 		
<ul style="list-style-type: none"> • All workers compensation insurance premiums have been paid and attached is a true copy of a Certificate of Currency for workers compensation insurance valid for the period covered by this Statement; or 		<input type="checkbox"/>
<ul style="list-style-type: none"> • the Contractor is an exempt employer for workers compensation purposes (see Note 7); 		<input type="checkbox"/>
<ul style="list-style-type: none"> • The Contractor is registered as an employer under the <i>Payroll Tax Act 2007</i> and has paid all payroll tax due in respect of employees; or 		<input type="checkbox"/>
<ul style="list-style-type: none"> • the Contractor is not required to be registered; 		<input type="checkbox"/>
<ul style="list-style-type: none"> • The Contractor has not engaged any subcontractors for the works, or 		<input type="checkbox"/>
<ul style="list-style-type: none"> • The Contractor has engaged subcontractors and has obtained a similar statement to this Statement from each of those subcontractors (and believes it to be true) 		<input type="checkbox"/>
<ul style="list-style-type: none"> • I am authorised to make this declaration and I am in a position to know the truth of its contents 		
Signature of Authorised Person	Name of Signatory (print)	
<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	
Date	Position / Job Title of Signatory (print - see Note 4)	
<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	
(see Notes on page 2)		
Catalogue No.45062893, Form No. 921 (11/2011) Page 1 of 2		

Notes for Contractor's Statement

1. A Contractor is any person or company who carries out work under a contract of any kind for any business of RMS. References to "Subcontractor" and "Principal Contractor" in the legislation mentioned below have been changed in this Statement to "Contractor" and "RMS" respectively to avoid confusion.

2. This form is prepared for the purposes of section 127 of the *Industrial Relations Act 1996* ("IRA"), section 175B of the *Workers Compensation Act 1987* ("WCA") and Schedule 2 Part 5 of the *Payroll Tax Act 2007* ("PTA"). These provisions allow RMS to withhold payment from a Contractor without any penalty unless and until the Contractor provides to RMS a Statement declaring that:

a. All workers compensation insurance premiums payable up to and including the date(s) on the Statement have been paid, and all premiums owing during the term of the contract will be paid; and

b. all remuneration payable to relevant employees for work under the contract has been paid; and

c. all payroll tax payable relating to the work undertaken has been paid.

3. Section 127 of the IRA says that the Statement must state the period to which it relates. For sequential statements ensure that the dates provide continuous coverage.

4. The person signing this declaration must be a person who is authorised by the Contractor either to sign this Statement (or to sign statements of this kind) and must be a person who is in a position to know the truth of the statements. The Contractor's principal accounting/financial officer may be appropriate. An individual project manager will normally not be appropriate. If the Contractor is a company then the person signing should be a director unless the company has delegated the power to sign such statements to another person (eg the principal accounting officer).

5. A Statement is not required where RMS is making payment to a receiver, liquidator or trustee in bankruptcy (see section 127(10) of the IRA, section 175B(12) of the WCA and Sch 2 Part 5 (20) of the PTA).

6. Section 127(6) of the IRA says that references to payments to workers means all types of remuneration to which they are entitled.

7. As of 30 June 2011, an employer is exempt from taking out workers compensation insurance if the employer pays less than \$7500 annually on wages, does not employ an apprentice or trainee and is not a member of a group for workers compensation purposes.

Generic Version of Statement

This form has been specially adapted for use specifically for Contractors working for RMS. Generic versions of this Statement for non-RMS use can be obtained at:

http://www.industrialrelations.nsw.gov.au/pdfs/subcontractor_statement_form.pdf; or

<http://www.osr.nsw.gov.au/lib/doc/forms/opt011.pdf>.

Record Retention

RMS will keep a copy of this Statement for 7 years. If the Contractor obtains a similar statement from its subcontractor then the Contractor must keep that statement for 7 years.

Offences for False Statement

Knowingly giving a false statement may be an offence under section 127(8) of the IRA, section 175B of the WCA and Sch 2 Part 5 clause 18(8) of the PTA.

Further Information

These notes are not intended as legal advice and Contractors should obtain their own professional advice if they have any questions about this Statement or these Notes. For more information, refer to OSR Revenue Ruling PT 59 at <http://www.osr.nsw.gov.au/lib/doc/rulings/rrpt59.pdf>, visit the WorkCover website www.workcover.nsw.gov.au, Office of State Revenue website www.osr.nsw.gov.au, or the Office of Industrial Relations, Department of Commerce website www.commerce.nsw.gov.au. Copies of the *Workers Compensation Act 1987*, the *Payroll Tax Act 2007* and the *Industrial Relations Act 1996* can be found at www.legislation.nsw.gov.au.

2. Supporting Statement

This statement must accompany any payment claim served on a principal to a construction contract by a head contractor.

For the purposes of this Statement the terms "principal", "head contractor", "subcontractor", and "construction contract" have the meanings given in section 4 of the Building and Construction Industry Security of Payment Act 1999.

The Contractor is a "head contractor" in terms of the Building and Construction Industry Security of Payment Act 1999, and makes relevant statements below accordingly.

This Statement must be signed by the Contractor (or by a person who is authorised, or held out as being authorised, to sign the statement by the Contractor).

Relevant legislation includes *Building and Construction Industry Security of Payment Regulation 2008* cl 4A

Main Contract

Head contractor: _____

(Business name of the head contractor)

ABN _____

ACN _____

Of _____

(Address of Contractor)

has entered into a contract with

Roads and Maritime Services

Contract description _____

Contract number/identifier _____

Subcontracts

The head contractor has entered into a contract with the subcontractors listed in the attachment to this Statement

Period

This Statement applies for work between: _____ and _____ inclusive,

subject of the payment claim dated: _____

I, _____ (full name) being the head contractor, a director of the head contractor or a person authorised by the head contractor on whose behalf this declaration is made, hereby declare that I am in a position to know the truth of the matters that are contained in this supporting statement and declare that, to the best of my knowledge and belief, all amounts due and payable to subcontractors have been paid (not including any amount identified in the attachment as an amount in dispute).

Signature: _____

Date: _____

Full Name: _____

Position / Title: _____

Costs Adjustment Formula

Refer to clause 55.2 of the GC21 General Conditions of Contract.

- 1 No adjustment if contract period less than 52 weeks
 - .1 Except for cost adjustment for the supply of bitumen calculated under clause 7 of this schedule, if the time stated in the Contract Information for Completion of the Works is 52 weeks or less from the Date of Contract, the Contract is not subject to adjustment for rise and fall in costs.
- 2 Method of cost adjustment
 - .1 If the time stated in the Contract Information for Completion of the Works is more than 52 weeks from the Date of Contract, each payment under clause 59 of the Contract shall be adjusted in accordance with this clause 2.
 - .2 The method of adjustment is as follows (in the order set out below):-
 - .1 Deduct from the value of the Payment Schedule otherwise proposed to be made by the Principal under clause 59 of the Contract the sum of:-
 - (1) the value of the immediately preceding Payment Schedule; and
 - (2) amounts payable to the Contractor for items referred to in clause 6 for work carried out in performance of the Contract and incorporated in the Works since the date of the immediately preceding Payment Schedule.
 - .2 Multiply the result by the Costs Adjustment Factor in clause 3.
 - .3 If the net Costs Adjustment Factor is positive, add the result to the value of the payment to be made.
 - .4 If the net Costs Adjustment Factor is negative, subtract the result from the value of the payment to be made.
- 3 Costs adjustment formula
 - .1 Subject to clause 4, the Costs Adjustment Factor is determined by the following formula:-

$$C = r \left(\frac{Rn}{Ro} \times \frac{Xn - Xo}{100 + Xo} + \frac{Rn}{Ro} \times \frac{Yn - Yo}{100 + Yo} \right) + 0.85 \left(\frac{Rn - Ro}{Ro} \right)$$

where

- C = Costs Adjustment Factor
- r = Labour costs proportion of the Contract which for the purposes of this clause is 0.425 only for bridge construction contracts (and the bridge construction portion of combined road and bridge construction contracts) and 0.350 only for roadworks, earthworks and drainage contracts (and the roadworks construction portion of combined road and bridge construction contracts).
- Rn = Road and Bridge Construction New South Wales Index Number 3101, which is in 6427.0 - Producer Price Indexes, Australia Division E Table 17 as published by the Australian Bureau of Statistics applicable to the calendar month immediately preceding the last calendar month in which the work the subject of the relevant payment schedule was carried out.
- Ro = Road and Bridge Construction New South Wales Index Number 3101, which is in 6427.0 - Producer Price Indexes, Australia Division E Table 17 as published by the Australian Bureau of Statistics applicable to the calendar month preceding the calendar month during which tenders closed.
- Xn = Current Payroll Tax Rate, which is the rate per centum payable on wages under New South Wales legislation imposing payroll tax applicable to the calendar

month immediately preceding the last calendar month in which the work the subject of the relevant Payment Schedule was carried out.

Xo = Base Payroll Tax Rate, which is the rate per centum payable on wages under New South Wales legislation imposing payroll tax applicable as at the calendar month immediately preceding the calendar month during which tenders closed.

Yn = Current Works' Compensation Premium Rate, which is the rate shown in Table A Division E Subdivision 41 of the Workers' Compensation Act 1987, Insurance Premiums Order for Road and Bridge Construction (Group 412 Class 412100) applicable as at the calendar month immediately preceding the last calendar month in which the work the subject of the relevant Payment Schedule was carried out.

Yo = Base Workers' Compensation Premium Rate, which is the rate shown in Table A Division E Subdivision 41 of the Workers' Compensation Act 1987, Insurance Premiums Order for Road and Bridge Construction (Group 412 Class 412100) applicable on the first day of the calendar month immediately preceding the calendar month during which tenders closed.

NOTE: Rates published by Australian Bureau of Statistics are for quarterly periods and the rate for the calendar month will be the rate for the quarter containing that calendar month.

4 Adjustment of new rates

.1 If the Principal instructs a Variation under clause 48 of the Contract which is not, in the opinion of the Principal, of the same class of works provided in the Contract schedules, every payment made under clause 59 of the Contract for the Variation will be adjusted in the following manner:-

.1 the value of the Works to be certified by the Principal in a Payment Schedule under clause 59 of the Contract will be multiplied by the Costs Adjustment Factor referred to in clause 3 as varied by clause 4.1.3;

.2 the amount which is produced as a result of the operation of clause 4.1.1 will, where the Costs Adjustment Factor (as varied by this clause) is positive, be added to, or where the Cost Adjustment Factor (as varied by this clause) is negative, be subtracted from the Principal's assessment value of the Works under clause 59 of the Contract; and

.3 for the purposes of clause 4, the words "the calendar month in which the Contractor submitted or the Principal assessed the rate or price" referred to in clause 4 replace the words "the calendar month during which tenders closed" in the definition of each of the terms "R", "Xo" and "Yo" in clause 3.

5 Index Numbers as first published

.1 The Index Numbers referred to in this clause as being published by the Australian Bureau of Statistics are the numbers as first published for a particular month by the Australian Bureau of Statistics. For the purposes of this clause, those numbers are not subject to alteration following publication of revised, amended or corrected numbers.

6 Items not to be adjusted

.1 Payments made to the Contractor for the following items will not be adjusted at all:-

.1 extra work instructed by the Principal under clause 48 of the Contract to be executed by the Contractor at a price or prices agreed between the Principal and the Contractor unless the agreement expressly provides for cost adjustment;

.2 extra work instructed by the Principal under clause 48 of the Contract and carried out as Daywork in accordance with clause 48 of the Contract unless expressly determined by the Principal;

.3 items paid for as Provisional Sums in accordance with the Contract; and

.4 items subject to a separate cost adjustment under clause 7.

7 Cost adjustment for the supply of bitumen

.1 The Contract Price shall be subject to adjustments for variations in the cost of bitumen supplied by the Contractor. The adjustment shall be effected in the Payment Claims

submitted by the Contractor in accordance with clause 58 of the Contract and the Payment Schedules issued under clause 59 of the Contract.

- .2 Any cost adjustment under this clause 7 shall be calculated from the formula:-

$$D = (C - B) \times A$$

where –

A = the quantity of bitumen derived from –

1. The calculation of residual bitumen at 15 degrees Centigrade where the product is sprayed bituminous surfacing or a tack coat.
2. The approved design binder content where the product is asphalt.
3. The approved residual binder content where the product is a bituminous slurry surfacing.

B = the Price of Class 170 bitumen applicable on the last day of the month immediately preceding the month during which the tenders closed;

C = the Price of Class 170 bitumen on the last day of the month immediately preceding the month during which the work is performed; and

D = the applicable cost adjustment for this payment claim.

The Price of Class 170 bitumen shall be the average of the prices for the suppliers contracted to supply RMS on its panel contract for the Supply of Bitumen and Related Products.

8 No other costs adjustment

- .1 Unless expressly provided elsewhere in the Contract, there is no adjustment for any costs changes except as provided by clauses 2-7 inclusive. The Contractor accepts the provisions under clauses 2-7 inclusive in full compensation for all costs changes which occur after the closing date of tenders irrespective of their nature and including those consequent upon alteration in the standard working hours and industrial conditions applicable to or prescribed for any industry generally by an Act, Court, Commission or Authority.

Daywork

Refer to clause 47.4 of the GC21 General Conditions of Contract.

- 1 Daywork procedure and determination
 - .1 If the Principal instructs that a *Variation* be carried out as *Daywork*, the Principal and Contractor must agree the amount, type and conditions of use of labour, plant and materials to be used in the *Variation*.
 - .2 The Contractor must record the particulars of all resources used by the Contractor each day in carrying out the *Variation*. The method of recording the resources must be agreed by the Contractor and the Principal.
 - .3 When submitting a claim for payment for the *Variation* in a *Payment Claim* under clause 58, the Contractor must submit the records and all time sheets, wages sheets, invoices, receipts and other documents that are necessary to support this *Payment Claim*.
 - .4 The Principal must assess the value of the *Variation* to be paid to the Contractor in respect of each *Payment Claim* and in making its assessment under clause 59 must have regard to the following:
 - .1 the amount of wages and allowances for labour calculated by multiplying the hourly rate of the nearest appropriate labour classification in Annexure E of Specification G2-C2, by the relevant labour hours worked on the *Variation*;
 - .2 the amount of hire charges for construction plant and vehicles hired from third parties or owned by the Contractor, calculated by multiplying the hourly rate of the nearest appropriate construction plant and vehicle classification in Annexure E of Specification G2-C2, by the relevant plant or vehicle hours worked on the *Variation*;
 - .3 where there is no appropriate construction plant or vehicles listed in Annexure E of QA Specification G2-C2, then the reasonable actual amount of hire charges for that construction plant and vehicles hired from third parties or owned by the Contractor as recorded on invoices or other relevant documentation;
 - .4 the reasonable actual mobilisation and demobilisation costs of construction plant and vehicles (where brought to Site only for the directed *Daywork*);
 - .5 the reasonable costs to the Contractor of Subcontractor and Consultant work involved in carrying out the *Variation*;
 - .6 the reasonable actual cost at the Site of all materials; and
 - .7 the reasonable actual cost of additional supervisory and administrative staff brought to the Site only for the directed *Daywork*.
 - .5 In addition to the amounts assessed for the items in clause 1.4 above, the value of the *Variation* will include an additional amount for the *Contractor's Margin for Daywork* calculated as 12% of the total of the assessed costs under clause 1.4.
- 2 Amounts included in and excluded from *Daywork*
 - .1 Assessment by the Principal of the valuation of a *Variation* carried out as *Daywork* will include valuation of all reasonable and necessary costs incurred of personnel, plant, vehicles, Subcontractor, Consultant and materials used by the Contractor in carrying out the *Variation* as instructed by the Principal, subject to:
 - (i) the valuation of the *Variation* will only include costs for actual time of any resources which are employed on the *Variation*; and

- (ii) the costs of supervisory, technical and administrative personnel that are normally engaged on the Works and continue to be so during the *Daywork* will not be included in the Principal's assessment of the valuation of the *Variation*.
- .2 Subject to clause 2.1, no other costs are to be included in the Principal's valuation of the *Variation* carried out by *Daywork*, other than those costs outlined in clause 1.

Subcontract requirements

Refer to clause 28.4.1 of the GC21 General Conditions of Contract.

General requirements for specified subcontracts

In addition to its obligations under clause 28.3, for all Subcontracts valued at or over the amount stated in Contract Information item 29, the Contractor must include requirements consistent with the provisions of the following clauses and schedules of this Contract:

1. clause 3 - Co-operation
2. clause 4 - Duty not to hinder performance
3. clause 5 - Early warning
4. clause 6 - Evaluation and monitoring
5. clause 10 - Governing law of the Contract
6. clause 13 - Compliance with Code of Practice for Procurement
7. clause 14 – No collusive arrangements
8. clause 15.1.1 - Work Health and Safety management, except that the submission and implementation of the Safe Work Method Statements is subject to the decision of the Contractor as principal contractor for Work, Health and Safety matters.
9. clause 15.1.6 - Aboriginal Participation in Construction
10. clause 23 – Intellectual Property
11. clause 24 - Confidentiality
12. clause 25 – Media releases and enquiries
13. clause 26 – Care of people, property and the environment, indemnities and limitations
14. clauses 27.13, 27.19.1.1, 27.19.1.2, 27.19.1.5 and 27.19.1.6 - Insurances
15. clause 28 – Subcontractor relationships
16. clause 58 – Payment Claims
17. clause 59 – Payments
18. Schedule 1 (Subcontractor’s Warranty) together with an obligation to execute and deliver the Warranty to the Principal (only if the Subcontractor is required by clause 30 to provide the warranty)
19. Schedule 9 (Subcontract requirements)

Insurance Policy Terms

The contents and the intellectual property of these wordings are deemed to be commercially sensitive and are the property of the Aon Risk Services Australia Limited and as such there should be no disclosure of the information contained therein to parties outside of **Roads and Maritime Services of NSW**.

No material anywhere in this report or in the policy wordings may be copied or further disseminated without the express and written permission of Aon Risk Services.

Issued through:

Corporate Risk Services
Aon Risk Services Australia Limited
ABN 17 000 434 720
Level 33, Aon Tower
201 Kent Street
SYDNEY NSW 2000

Telephone 61 2 9253 7000
Facsimile 61 2 9253 7106

Links to the Policy documents

<http://www.rta.nsw.gov.au/cgi-bin/doingbusinesswithus/specifications/index.cgi?pai-primary-ppl.pdf>

<http://www.rta.nsw.gov.au/cgi-bin/doingbusinesswithus/specifications/index.cgi?pai-primary-cw.pdf>

Statement regarding Materials

Refer to clause 58.7 of the GC21 General Conditions of Contract.

I am a representative of *[name of company/entity with custody of the Materials or on whose land the Materials are stored]* in the capacity of *[insert position]* and I am authorised to make this statement on behalf of the Company. I confirm that the Company has no lien, charge or other encumbrance over the materials listed in the schedule to this statement (“Materials”). I acknowledge that the Materials are the property of the Principal named in the schedule to this statement (“Principal”) and I hereby irrevocably authorise the Principal or its officers or others acting with its authority to enter the premises where the Materials are stored at any reasonable hour to inspect or remove the Materials. I undertake to make no claim or charge against the Principal in respect of the storage of the Materials.

SCHEDULE

Materials

[list the Materials]

Principal

Roads and Maritime Services of NSW

SIGNED

DATE:.....

Compliance with Building Code 2013

Refer to clause 13.17 of the GC21 General Conditions of Contract.

- .1 The Contractor must comply with the *Building Code 2013* (Building Code). Copies of the Building Code are available at www.employment.gov.au/BuildingCode
- .2 Compliance with the Building Code shall not relieve the Contractor from responsibility to perform the Contract, or from liability for any defect in the works arising from compliance with the Building Code.
- .3 Where a change in the Contract is proposed and that change would affect compliance with the Building Code, the Contractor must submit a report to the Commonwealth specifying the extent to which the Contractor's compliance with the Building Code will be affected.
- .4 The Contractor must maintain adequate records of the compliance with the Code and Guidelines by:
 - .1 the Contractor;
 - .2 Subcontractors;
 - .3 Consultants; and
 - .4 its Related Entities (refer section 8 of the Building Code).
- .5 If the Contractor does not comply with the requirements of the Building Code in the performance of this Contract such that a sanction is applied by the Minister for Employment and Workplace Relations, the Code Monitoring Group or the Commonwealth, without prejudice to any rights that would otherwise accrue, those parties shall be entitled to record that non-compliance and take it, or require it to be taken, into account in the evaluation of any future tenders that may be lodged by the Contractor or a related entity in respect of work funded by the Commonwealth or its agencies.
- .6 While acknowledging that value for money is the core principle underpinning decisions on Government procurement, when assessing tenders, the Contractor may give preference to Subcontractors and Consultants that have a demonstrated commitment to:
 - .1 adding and/or retaining trainees and apprentices;
 - .2 increasing the participation of women in all aspects of the industry; or
 - .3 promoting employment and training opportunities for Indigenous Australians in regions where significant indigenous populations exist.
- .7 The Contractor must not appoint a Subcontractor or Consultant in relation to the Contract where:
 - .1 the appointment would breach a sanction imposed by the Minister for Employment and Workplace Relations; or
 - .2 the subcontractor or consultant has had an adverse Court or Tribunal decision (not including decisions under appeal) for a breach of workplace relations law, work health and safety law, or workers' compensation law and the tenderer has not fully complied, or is not fully complying, with the order.
- .8 The Contractor agrees to require that it and its Subcontractors or Consultants and its Related Entities provide the Commonwealth or any person authorised by the Commonwealth, including a person occupying a position in the Fair Work Building Industry Inspectorate, with access to:
 - .1 inspect any work, material, machinery, appliance, article or facility;
 - .2 inspect and copy any record relevant to the Contract; and
 - .3 interview any person

as is necessary to demonstrate its compliance with the Building Code.

- .9 Additionally, the Contractor agrees that the Contractor and its Related Entities will agree to a request from the Commonwealth or any person authorised by the Commonwealth, including a person occupying a position in the Fair Work Building Industry Inspectorate, to produce a specified document within a specified period, in person, by fax or by post.
- .10 The Contractor must ensure that all Subcontracts impose obligations on Sub contractors equivalent to the obligations under these Contract Clauses.

Attachments

Attachments 1, 2, and 3 do not form part of the Contract.

Attachment 1 GC21 Start-up Workshop

Attachment 2 Performance Evaluation

Attachment 3 Performance Evaluation Record

The GC21 Start-up Workshop

The start-up workshop is held to encourage the parties and others concerned with the Contract and the Works to work co-operatively to achieve a successful contract. This Attachment 1 is intended as a guide for the participants.

The workshop takes place within 28 days after the Date of Contract. The workshop should take half a day, although large or complex contracts may require longer.

Refer to clause 32 of the GC21 General Conditions of Contract.

Participants

The workshop participants include representatives of the Principal, the Contractor and others concerned with the Works. This might include representatives of authorities, eventual users of the Works, the local community, Consultants, Subcontractors and Suppliers.

Program

Opening

The first speaker's tasks should be to focus the participants on goals and on issues such as teamwork, co-operation, achieving a successful project, and the major foreseeable challenges.

Discussions on co-operation

The parties aim to promote a culture of co-operation which participants in the workshop should understand and be committed to.

The workshop participants may break into small groups to discuss sections of the Contract dealing with co-operation, and how they apply to the Works.

Communication framework and directory

The workshop participants should reach consensus on a framework to allow participants to co-operate on all aspects of the project. Communication arrangements should be recorded and names and contact information exchanged.

Concerns and problems

The participants should identify concerns or possible future problems and jointly prepare an action plan for their resolution.

Opportunities for innovation

The parties aim to encourage innovation. Opportunities may be lost if they are recognised too late. Participants may identify, discuss opportunities and plan for pursuing innovation and present them to the workshop. These ideas may then be developed if feasible and appropriate.

Evaluation and monitoring process

This process is explained so that participants understand their roles at the regular monitoring meetings. The evaluation and monitoring forms are discussed, and altered if necessary to suit particular needs of the project and Contract. The participants decide when the regular monitoring meetings will occur, and who will attend.

Conclusion

Before the workshop concludes, all participants should have an opportunity to comment and provide feedback for possible improvements to future workshops and monitoring meetings.

A copy of the Procurement Practice Guide *GC21 meetings and workshops* may be obtained from the NSW Government Procurement System for Construction at:

http://www.nswprocurement.com.au/psc/ppg/gc21_meetings_and_workshops.pdf

Attachment 2

Performance Evaluation (example)

Refer to clause 6 of the GC21 General Conditions of Contract.

Evaluation and monitoring meetings should focus on achievable improvements in contract communication and management. Attachments 1 and 2 provide a structure for evaluation and discussion

Attachment 2 indicates topics that are suitable for assessing performance and monitoring progress as the Contract proceeds.

They are provided for guidance only, and the topics are suggestions only. Each evaluation team should choose its own topics to reflect issues specific to the Contract. Use Attachment 2A on the next page to develop a Contract-specific Performance Evaluation form

Contract name:
 Contract number:
 Date:

Rating system
 5 excellent
 4 above expectation
 3 meeting expectation
 2 below expectation
 1 unsatisfactory

Topic	Objectives	Your rating (this period)	Group rating (this period)
Communication	Open, honest, constructive, timely, efficient and effective communications. <ul style="list-style-type: none"> Quality communications including co-operation between parties, observing the duty not to hinder performance, providing early warning, and evaluation and monitoring. 	<input type="text"/>	<input type="text"/>
Time	<i>Completion by Contractual Completion Dates</i> <ul style="list-style-type: none"> time management - milestone achievement on or before the due date. extensions of time 	<input type="text"/>	<input type="text"/>
Cost	Financial success for all parties by meeting or bettering budget targets <ul style="list-style-type: none"> Cost/Financial management. Including early warning and agreement to <i>Variations</i>, pre-payment, quantity measurement, payments, final payment. 	<input type="text"/>	<input type="text"/>
Quality	Meets or exceeds specified/agreed requirements <ul style="list-style-type: none"> Quality management. Including quality standards, <i>design</i> requirements, fitness for purpose, innovation, <i>faults</i> and <i>defects</i> rectification, defect free <i>completion</i>, post <i>completion</i>. Encourage continuous improvement and personnel development through planning, innovation, flexibility and common sense. 	<input type="text"/>	<input type="text"/>
Safety	Safe working environment for project team and general public. <ul style="list-style-type: none"> Work, Health and Safety management. Including co-operation between parties, minimising WHS incidents, evaluation and monitoring 	<input type="text"/>	<input type="text"/>
Claims and Issue Resolution	<ul style="list-style-type: none"> Resolve issues and claims early at an appropriate level. Open and frank discussions. Transparency 	<input type="text"/>	<input type="text"/>
Environment	Environmental management. Including planning energy & water conservation, waste management, resource conservation, pollution reduction, protection of environment, healthy work environment <ul style="list-style-type: none"> Pro-active management of impacts and commitments. Minimise environmental incidents 	<input type="text"/>	<input type="text"/>
Contract Relations	Co-operative contract relationships including compliance with NSW Government codes of practice and Guidelines; industrial relations management; and subcontractor, supplier and consultant performance, <ul style="list-style-type: none"> Enjoy work and working together. Enhanced reputations of personnel and organisations involved. 	<input type="text"/>	<input type="text"/>
Community Relations	<ul style="list-style-type: none"> Proactively enhance and maintain good community relations Minimise impacts on the community. Proactive management of commitments to individuals and groups. 	<input type="text"/>	<input type="text"/>

Traffic Management	<ul style="list-style-type: none"> • Minimise disruption and inconvenience to traffic and provide safe traffic conditions. • Safe access to the Site for the project team, subcontractors, suppliers and visitors. • Safe access for adjacent residents. 	<input type="checkbox"/>	<input type="checkbox"/>
--------------------	---	--------------------------	--------------------------

- **IMPORTANT:** During each meeting, the evaluation team should decide on an action plan for items needing improvement.

Performance Evaluation

Insert in the form below topics that are important to the Contract.

Contract title: »
 Contract number: »
 Date: »

Rating system
 1 excellent
 2 above expectation
 3 meeting expectation
 4 below expectation
 5 unsatisfactory

Topic	Objectives	Your rating (this period)	Group rating (this period)
Communication	Open, honest, constructive, timely, efficient and effective communications. <ul style="list-style-type: none"> Quality communications including co-operation between parties, observing the duty not to hinder performance, providing early warning, and evaluation and monitoring. <i>Refer to Contract clauses 3 - 6</i>	<input type="text"/>	<input type="text"/>
Time	<i>Completion by Contractual Completion Dates</i> <ul style="list-style-type: none"> time management - milestone achievement on or before the due date. extensions of time <i>Refer to Contract clauses 25,54,69.</i>	<input type="text"/>	<input type="text"/>
Cost	Financial success for all parties by meeting or bettering budget targets <ul style="list-style-type: none"> Cost/Financial management. Including early warning and agreement to <i>Variations</i>, pre-payment, quantity measurement, payments, final payment. <i>Refer to Contract clauses 52,61-65</i>	<input type="text"/>	<input type="text"/>
Quality	Meets or exceeds specified/agreed requirements <ul style="list-style-type: none"> Quality management. Including quality standards, <i>design</i> requirements, fitness for purpose, innovation, <i>faults</i> and <i>defects</i> rectification, defect free <i>completion</i>, post <i>completion</i>. Encourage continuous improvement and personnel development through planning, innovation, flexibility and common sense. <i>Refer to Contract clauses 17, 43-46, 48, 50,69, and 71.</i>	<input type="text"/>	<input type="text"/>
Safety	Safe working environment for project team and general public. <ul style="list-style-type: none"> Work, Health and Safety management. Including co-operation between parties, minimising WHS incidents, evaluation and monitoring <i>Refer to Contract clause 15 in regard to WHS.</i>	<input type="text"/>	<input type="text"/>
Claims and Issue Resolution	<ul style="list-style-type: none"> Resolve issues and claims early at an appropriate level. Open and frank discussions. Transparency <i>Refer to Contract clauses 72-75 in regard to Claims and issue resolution.</i>	<input type="text"/>	<input type="text"/>
Environment	Environmental management. Including planning energy & water conservation, waste management, resource conservation, pollution reduction, protection of environment, healthy work environment <ul style="list-style-type: none"> Pro-active management of impacts and commitments. Minimise environmental incidents <i>Refer to Contract clauses 18 and 29.</i>	<input type="text"/>	<input type="text"/>
Contract Relations	Co-operative contract relationships including compliance with NSW Government codes of practice and Guidelines; industrial relations management; and subcontractor, supplier and consultant performance, <ul style="list-style-type: none"> Enjoy work and working together. Enhanced reputations of personnel and organisations involved. <i>Refer to Contract clauses 13-20, 31-34</i>	<input type="text"/>	<input type="text"/>
Community Relations	<ul style="list-style-type: none"> Proactively enhance and maintain good community relations Minimise impacts on the community. Proactive management of commitments to individuals and groups. <i>Refer to clause 6</i>	<input type="text"/>	<input type="text"/>
Traffic Management	<ul style="list-style-type: none"> Minimise disruption and inconvenience to traffic and provide safe traffic conditions. Safe access to the Site for the project team, subcontractors, suppliers and visitors. Safe access for adjacent residents. 	<input type="text"/>	<input type="text"/>

The participants should decide on an action plan during the meeting, after discussing project and contract objectives, comments, observations and suggestions for improvement.

Performance Evaluation Record

Insert the Contract-specific topics. Record the participants' ratings for each topic to illustrate trends in the Team's performance.

Contract title: »
 Contract number: »
 Date: »

Rating system
 1 excellent
 2 above expectation
 3 meeting expectation
 4 below expectation
 5 unsatisfactory

Objectives	Score	Comments
Communication Open, honest, constructive, timely, efficient, effective		
Time Milestone achievement on or before due date		
Cost Meeting or bettering budget and avoiding cost overruns		
Quality Meets or exceeds specified/agreed requirements		
Safety Safe working environment for project team and general public.		
Claim and Issue Resolution Resolve issues and claims early at an appropriate level. Open and frank discussions. Transparency		
Environment Planning, conservation of resources, protection of environment, healthy work environment. Pro-active management of impacts and commitments. Minimise environmental incidents		
Contract Relations Co-operative relationships, compliance with NSW Government codes of practice and Guidelines; I.R. management; and Subcontractor, Supplier and Consultant performance, Enjoy work and working together. Enhanced reputations.		
Community Proactively enhance and maintain good community relations. Minimise impacts on the community. Proactive management of commitments to individuals and groups.		
Traffic Management Minimise disruption and inconvenience to traffic and provide safe traffic conditions.		
AVERAGE		

Attachment 3 (continued)

Performance Evaluation Record

The participants' ratings for each topic are recorded here so that the overall performance can be assessed.

Group

Contract title: »
 Contract number: »
 Date: »

Rating system

- 1 excellent
- 2 above
- 3 meeting
- 4 below
- 5 unsatisfactory

Group Members		RMS Team					Contractor team					Other										
						RMS					COMPANY					SUB-CONTRACTOR					Other	Overall
1	Communication					0					0					0					0	
2	Time					0					0					0					0	
3	Cost					0					0					0					0	
4	Quality					0					0					0					0	
5	Safety					0					0					0					0	
6	Claim and Issue Resolution					0					0					0					0	
7	Environment					0					0					0					0	
8	Contract Relations					0					0					0					0	
9	Community Relations					0					0					0					0	
10	Traffic Management					0					0					0					0	
AVERAGE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
No	Month																					
1	Jan-03																					
2	Feb-03																					
3	Mar-03																					
4	Apr-03																					
5	May-03																					
6	Jun-03																					
7	Jul-03																					
8	Aug-03																					
9	Sep-03																					
10	Oct-03																					
11	Nov-03																					
12	Dec-03																					

Tender Form

Major Roadworks and Bridgeworks



Copyright Roads and Maritime Services

Tender Form

Project: Old Wallgrove Road Upgrade Robert Road to M7 Interchange

Contract no: 13.2613.0706

To: Roads and Maritime Services (RMS)

1. Tenderer's offer

The Tenderer offers to perform the proposed contract according to the Tender Documents for the Tender Price.

2. GST

The Tenderer acknowledges that:

- the individual rates and lump sums are exclusive of GST
- total GST has been included where indicated
- the Tender Price is inclusive of GST.

3. Acknowledgment of addenda

The Tenderer acknowledges that it has received the addenda listed in the schedule to this document and that it has taken them into account in preparing this tender offer.

4. Compliance with Codes of Practice for Procurement

The Tenderer agrees to comply with the NSW Government Code of Practice for Procurement.

5. Industrial Relations Management

The Tenderer agrees to comply with the NSW Government Industrial Relations Management Guidelines and will, on request, provide:

- the names of the Federal and NSW awards to which the Tenderer is bound
- copies of enterprise or workplace agreements to which the Tenderer is bound
- appropriate information to verify compliance with awards, enterprise or workplace agreements and other legal obligations relating to employment and where required by the Contract
- an Industrial Relations Strategy complying with the NSW Government Industrial Relations Management Guidelines.

6. Training Management

The Tenderer agrees to comply with the NSW Government Training Management Guidelines and will provide where required by the Contract:

- if successful, a Project Training Management Plan before site works begin

Tender Form

- on request, a statement outlining priorities for training for the enterprise
- on request, an Enterprise Training Management Plan.

7. Aboriginal Participation in Construction

The Tenderer agrees to comply with the NSW Government Aboriginal Participation in Construction Implementation Guidelines and will provide:

- if successful and where required by the Contract, a project Aboriginal Participation Plan before site works begin
- on request, a statement outlining priorities for Aboriginal Participation for the enterprise

8. Sharing of information between Government agencies

The Tenderer authorises RMS to make information about the Tenderer's performance, claims record (both past, present and future) and financial affairs available to other NSW Government agencies and Local Government authorities.

The Tenderer releases RMS and all other agents of the Crown in right of New South Wales from claims and actions which the Tenderer or a person claiming on the Tenderer's behalf may otherwise be entitled to make in connection with the sharing of information.

9. Acknowledgment about information provided

The Tenderer acknowledges that information provided to it by RMS before the date of this offer and which does not form part of the Tender Documents was provided only for the convenience of Tenderers and will not form part of any contract awarded by RMS.

10. Collusive arrangements

10.1 Tenderer's warranties

The Tenderer warrants that:

- it is not aware of any other tenderer's tender price
- it has not directly or indirectly communicated its Tender Price to another tenderer
- except as disclosed in a statutory declaration lodged with the tender, it has not entered into a contract, arrangement or understanding with anyone in connection with this tender to the effect that a successful tenderer will pay money to or confer a benefit upon an unsuccessful tenderer or a trade or industry association (above the published standard fee)
- it has not entered into a contract, arrangement or understanding which may have or is likely to have an anti-competitive effect or an adverse effect on the probity of the tender process in connection with this tender
- the Tender Price does not include an allowance on account of any such contract, arrangement or understanding.

10.2 Obligations regarding money or benefits received

The Tenderer agrees that money or the monetary value of a benefit received by the Tenderer from another tenderer in connection with this tender belongs in equity to RMS and is immediately payable to RMS.

10.3 Obligation to notify

The Tenderer must immediately notify RMS if it receives or is offered money or another benefit from another tenderer in connection with this tender.

11. Offer open for acceptance for ~~60~~ 90 days

The Tenderer's offer is firm and binding and may be accepted by RMS at any time within ~~60~~ 90 days after the closing date for tenders.

12. Consideration for this offer

The offer and warranties made in this Tender Form are made in consideration of RMS' promise to consider the offer in accordance with the Request for Tenders and the administrative time and expense to RMS in so doing.

Schedule to Tender Form

(This schedule may be reproduced by the Tenderer for ease of completion)

Tenderer's name

.....

ABN

.....

Address of Tenderer for service of notices

[If a post box address is given, a street address must also be given]

.....

.....

.....

Lump sum price (if Tender Price is lump sum or includes a lump sum)

[This item is not applicable if the tender is for a schedule of rates only contract. If the tender is for a combined lump sum/schedule of rates contract, then only include the lump sum component of the price - don't include combined total]

..... dollars

and cents (\$.....), which is the total amount shown in the Schedule of Prices (**including GST**)

(Lump sum must always be equal the total amount shown in the Schedule of Prices)

Addenda received and taken into account

[Tenderer to insert number and date of each Addendum]

Addendum no.

Date

Tenderer's signature

Signed for and on behalf of the Tenderer by its authorised signatory in the presence of:

.....
Witness

.....
Authorised signatory

.....
Name (print)

.....
Name (print)

.....
Position title (print)

Date:

Tender Price Summary Sheet

Project: Old Wallgrove Road Upgrade Robert Road to M7 Interchange

Contract no: 13.2613.0706

Schedule of Rates

Total of extended amounts (including GST) \$

Schedule of Prices

Total lump sum amount (including GST)

Bridges over Eskdale Creek \$

Bridges over Reedy Creek - Widening \$

Total (Tender Price including GST) :

\$52,604,848.61

Name of Tenderer:

Tenderer's initials:

Schedule of Prices

Work: Old Wallgrove Road Upgrade Robert Road to M7 Interchange

Contract no: 13.2613.0706

The quantities shown in the Schedule of Estimated Quantities are estimated quantities only and are not guaranteed to be the actual or correct quantities of work to be carried out.

In preparing its Schedule of Prices, the Tenderer must:

- include all items for which the Principal has suggested a provisional quantity in the Schedule of Estimated Quantities
- use the provisional quantities (if any) suggested by the Principal in the Schedule of Estimated Quantities
- only include items which form part of the Works described in the Tender Documents
- rates for individual pay items must exclude GST. GST must be added after the extended pay items are totalled

Name of Tenderer:

Schedule of Estimated Quantities

Project: Old Wallgrove Road Upgrade Robert Road to M7 Interchange

Work: Bridge Over Eskdale Creek

Contract No: 13.2613.0706

The quantities shown in the Schedule of Estimated Quantities are estimated quantities only and are not guaranteed to be the actual or correct quantities of work to be carried out.

In preparing its Schedule of Prices, the Tenderer must:

- include all items for which the Principal has suggested a provisional quantity in the Schedule of Estimated Quantities
 - use the provisional quantities (if any) suggested by the Principal in the Schedule of Estimated Quantities
 - only include items which form part of the Works described in the Tender Documents.
 - rates for individual items must exclude GST. GST must be added after the extended pay items are totalled.
-

Item	Description of work	Quantity	Unit
	PILING		
1	900 mm dia. bored cast-in-place reinforced concrete pile (without permanent casing)		
a)	Drilling/Test Coring Prior to Pile Excavation		
	(i) Drilling from Ground Level to Start of Rock Coring (Item with provisional quantity)	32	m
	(ii) Rock Coring (Item with provisional quantity)	24	m
b)	Attendance of Professional Geotechnical Engineer		
	(i) During pile hole excavation (Item with provisional quantity)	40	hr
	(ii) Inspection of Excavated Pile Socket	16	each
c)	Excavation of Pile Hole including Temporary Casing		
	(ii) To Contract Level	183	m
	(iii) Below Contract Level (Item with provisional quantity)	20	m
d)	Provision of Access for Indirect Examination of Pile Hole		
	(i) For Indirect Visual or Other Inspection Method (Item with provisional quantity)	8	each
	(ii) For CCTV Indirect Examination Method (Item with provisional quantity)	8	each
e)	Supply and Placement of Reinforcement		

Schedule of Estimated Quantities - Bridge over Eskdale Creek

Item	Description of work	Quantity	Unit
	(i) To Contract Level	21.1	t
	(ii) Below Contract Level (Item with provisional quantity)	5	t
f)	Supply and Placement of Concrete		
	(i) To Contract Level	183	m
	(ii) Below Contract Level (Item with provisional quantity)	20	m
g)	Pile Integrity Testing	4	each

PILING

SUBSTRUCTURE

2	Excavation and Backfill for Bridgeworks		
a)	Excavation to Contract Level, including Backfilling	90	m3
b)	Excavation below Contract Level, including Backfilling (Item with provisional quantity)	50	m3
c)	Mass Concrete Blinding Layer	3	m3
d)	Supply and installation of Free Draining Granular Filter Material to RMS specification 3580 Wrapped Geotextile Class B in accordance with RMS Specification R63	33	m3
e)	Supply and Installation of Select Fill	369	m3
f)	Supply and Installation of Subsoil Drain or Approved Equivalent at the Base of Abutments	34	m
3	Supply and Placement of Concrete		
a)	Abutments (including wingwalls)	123	m3
b)	Retaining Wall	108	m3
c)	Pier Columns	26	m3
d)	Pier Headstocks (including shear keys)	34	m3
4	Supply and Placement of Reinforcement		
a)	Abutments (including wingwalls)	18.6	t
b)	Retaining Wall	9.1	t
c)	Pier Columns	2.8	t
d)	Pier Headstocks (including shear keys)	5.9	t
9	Supply and Installation of Grade 2205 Stainless Steel Dowel Assemblies - 24mm dia x 600mm long (at Abutment B Wingwall)	8	each
10	Supply and Installation of Grade 316 Stainless Steel Dowel Assemblies - 20mm dia x 300mm long (at Abutment Curtain Walls)	61	each
13	Cathodic Protection to Substructure	4	each

SUBSTRUCTURE

BEARINGS

Schedule of Estimated Quantities - Bridge over Eskdale Creek

Item	Description of work	Quantity	Unit
14	Supply, Installation and Testing of Elastomeric Bearing Pad - 500 x 200 x 25, including Attachment Plate and Cement Mortar Pads	108	each
15	Supply and Installation of Elastomeric Bearing Strips 95x20	31	m

BEARINGS

PSC PLANKS

16	PSC Planks - 600mm deep, 14.95m long		
a)	Manufacture	41	each
b)	Delivery & Stacking	41	each
c)	Erection	41	each
17	PSC Planks - 600mm deep, 15m long		
a)	Manufacture	7	each
b)	Delivery & Stacking	7	each
c)	Erection	7	each
18	PSC Planks - 600mm deep, 15.05m long		
a)	Manufacture	3	each
b)	Delivery & Stacking	3	each
c)	Erection	3	each
19	PSC Planks - 600mm deep, 15.1m long		
a)	Manufacture	3	each
b)	Delivery & Stacking	3	each
c)	Erection	3	each

PSC SUPER T GIRDERS

COMPLETION OF SUPERSTRUCTURE

20	Supply and Placement of Concrete		
a)	Deck Slab	150	m3
b)	In-situ Barriers and Footpaths	42	m3
21	Supply and Placement of Reinforcement to Deck Slab including In-situ Barriers and Footpaths	36.9	t
22	Precast Concrete Barrier Panels Including Reinforcement, Supporting Brackets and all Accessories on the Bridge and Approach Slabs		
a)	Manufacture and Delivery	42	each
b)	Erection	42	each
23	Supply and Install 225mm dia FRC Drainage System Including Support, Stainless Steel Scuppers, Outlet Pipes, Protection Plates and Accessories	14	m

Schedule of Estimated Quantities - Bridge over Eskdale Creek

Item	Description of work	Quantity	Unit
COMPLETION OF SUPERSTRUCTURE			
RAILINGS			
24	Galvanised Steel Grab Rail for Cyclists including all accessories		
a)	Manufacture and Delivery	13	m
b)	Erection	13	m
RAILINGS			
APPROACH SLABS			
25	Supply and Placement of Double Layers of 0.3mm thick High Impact Resistance Polyethylene Damp Course Membrane	181	m2
26	Supply and Placement of 50 thk Mass Concrete Under Approach Slabs	9	m3
27	Supply and Placement of Concrete	70	m3
28	Supply and Placement of Reinforcement	10.7	t
APPROACH SLABS			
MISCELLANEOUS			
28	Supply and Installation of Name Plate	2	each
29	Supply and Apply Sprayed Bituminous Waterproof Membrane to Concrete Bridge Deck and Approach Slabs	1022	m2
30	Supply and place 75mm thick dense grade asphalt to bridge deck and approach slabs	1022	m2
31	Supply and Installation of 100mm dia HD Rigid Plain Insulating uPVC Conduit in Barriers and Wingwalls including Fittings	110	m
32	Supply and installation of 50mm dia uPVC Electrical Conduit	55	m
33	Supply and Install Thrie Beam Anchor Assembly	2	each
34	Joint Materials Including Joint Sealant, Bitumen Impregnated Fibre Board Debonding Layers, Bitumen Paper, Cellular Polystyrene and others	-	lump sum
35	Supply and Installation of Helimesh 10 Fall Protection System or Approved Equivalent	-	lump sum
36	Demolition of Existing Structure	-	lump sum
MISCELLANEOUS			

Schedule of Estimated Quantities

Project: Old Wallgrove Road Upgrade Robert Road to M7 Interchange

Work: Bridge over Reedy Creek

Contract No: 13.2613.0706

The quantities shown in the Schedule of Estimated Quantities are estimated quantities only and are not guaranteed to be the actual or correct quantities of work to be carried out.

In preparing its Schedule of Prices, the Tenderer must:

- include all items for which the Principal has suggested a provisional quantity in the Schedule of Estimated Quantities
- use the provisional quantities (if any) suggested by the Principal in the Schedule of Estimated Quantities
- only include items which form part of the Works described in the Tender Documents
- rates for individual items must exclude GST. GST must be added after the extended pay items are totalled.

Item	Description of work	Quantity	Unit
PILING			
1	900 mm dia. bored cast-in-place reinforced concrete pile (without permanent casing)		
a)	Drilling/Test Coring Prior to Pile Excavation		
	(i) Drilling from Ground Level to Start of Rock Coring (Item with provisional quantity)	40	m
	(ii) Rock Coring (Item with provisional quantity)	40	m
b)	Attendance of Professional Geotechnical Engineer		
	(i) During Pile Hole Excavation (Item with provisional quantity)	60	hr
	(ii) Inspection of Excavated Pile Socket	29	each
c)	Excavation of Pile Hole including Temporary Casing		
	(i) To Contract Level	247	m
	(ii) Below Contract Level (Item with provisional quantity)	25	m
d)	Provision of Access for Indirect Examination of Pile Hole		
	(i) For Indirect Visual or Other Inspection Method (Item with provisional quantity)	10	each
	(ii) For CCTV Indirect Examination Method (Item with provisional quantity)	10	each
e)	Supply and Placement of Reinforcement		
	(i) To Contract Level	25	t
	(ii) Below Contract Level (Item with provisional quantity)	2.5	t
f)	Supply and Placement of Concrete		
	(i) To Contract Level	247	m
	(ii) Below Contract Level (Item with provisional quantity)	25	m
g)	Pile Integrity Testing	6	each
PILING			Sub Total

Schedule of Estimated Quantities - MR693 Old Walgrove Road Upgrade from EPLR to Wallgrove Road/M7 Interchange

SUBSTRUCTURE			
2	Excavation and Backfill for Bridgeworks		
a)	Excavation to Contract Level, including Backfilling	250	m3
b)	Excavation below Contract Level, including Backfilling (Item with provisional quantity)	25	m3
c)	Mass Concrete Blinding Layer	3	m3
d)	Supply and installation of Free Draining Granular Filter Material to RMS specification 3580 Wrapped Geotextile Class B in accordance with RMS Specification R63	7	m3
e)	Supply and Installation of Select Fill	72	m3
f)	Supply and Installation of Subsoil Drain or Approved Equivalent at the Base of Abutments	40	m
3	Supply and Placement of Concrete		
a)	Abutments (including wingwalls)	153	m3
b)	Pier Columns	30	m3
c)	Pier Headstocks	38	m3
4	Supply and Placement of Reinforcement		
a)	Abutments (including wingwalls)	20	t
b)	Pier Columns	9	t
c)	Pier Headstocks	18	t
5	Supply and Installation of Grade 304 Stainless Steel Dowel Assemblies - 20mm dia x 300mm long (at Abutment Curtain Walls)	50	each
6	Cathodic Protection to Substructure	6	each
SUBSTRUCTURE			Sub Total
BEARINGS			
7	Supply, Installation and Testing of Elastomeric Bearing Pad - 500 x 200 x 25, including Attachment Plate and Cement Mortar Pads	154	each
8	Supply, installation and testing of laminated elastomeric bearings, including attachment plate assemblies and cement mortar pads		
a)	350 x 280 x 157 - Part No: AS040910R	66	each
9	Supply and Installation of Elastomeric Bearing Strips 95x20	30	m
BEARINGS			Sub Total
PSC PLANKS			
10	PSC Planks - Type G1 13.940m long		
a)	Manufacture	6	each
b)	Delivery & Stacking	6	each
c)	Erection	6	each
11	PSC Planks - Type G1 14.965m long		
a)	Manufacture	3	each
b)	Delivery & Stacking	3	each
c)	Erection	3	each
12	PSC Planks - Type G1A 14.965m long		
a)	Manufacture	6	each
b)	Delivery & Stacking	6	each
c)	Erection	6	each
13	PSC Planks - Type G2 13.940m long		
a)	Manufacture	38	each
b)	Delivery & Stacking	38	each
c)	Erection	38	each
14	PSC Planks - Type G2 14.965m long		
a)	Manufacture	19	each
b)	Delivery & Stacking	19	each
c)	Erection	19	each

Schedule of Estimated Quantities - MR693 Old Walgrove Road Upgrade from EPLR to Wallgrove Road/M7 Interchange

15	PSC Planks - Type G2A 14.965m long		
a)	Manufacture	38	each
b)	Delivery & Stacking	38	each
c)	Erection	38	each
PSC PLANKS			Sub Total
COMPLETION OF SUPERSTRUCTURE			
16	Supply and Placement of Concrete		
a)	Decks	307	m3
b)	Footpaths	106	m3
c)	In-situ Barriers	38	m3
17	Supply and Placement of Reinforcement to Deck Slab including In-situ Barriers and Footpaths	90	t
18	Precast Concrete Barrier Panels Including Reinforcement, Supporting Brackets and all Accessories on the Bridge and Approach Slabs		
a)	Manufacture and Delivery	34	each
b)	Erection	34	each
19	Supply and Install Granor Series AC-AR-75F Expansion Joint or Approved Equivalent	24	m
20	Supply and Install 10mm Thick Stainless Steel Grade 304 Galvanised Cover Plates Including Attachment Assemblies		
a)	Barrier Cover Plates	1	each
b)	Kerb Cover Plates	1	each
c)	Median Cover Plates	1	each
d)	Shared Path Cover Plates	4	m
21	Supply and Install 225mm dia FRC Drainage System Including Support, Stainless Steel Scuppers, Outlet Pipes, Protection Plates and Accessories	42	m
COMPLETION OF SUPERSTRUCTURE			Sub Total
APPROACH SLABS			
22	Supply and Placement of Double Layers of 0.3mm thick High Impact Resistance Polyethylene Damp Course Membrane	192	m2
23	Supply and Placement of 50mm thick Mass Concrete Under Approach Slabs	10	m3
24	Supply and Placement of Concrete	69	m3
25	Supply and Placement of Reinforcement	13	t
APPROACH SLABS			Sub Total
MISCELLANEOUS			
26	Supply and Installation of Name Plate	2	each
27	Supply and Apply Sprayed Bituminous Waterproof Membrane to Concrete Bridge Deck and Approach Slabs	1721	m2
28	Supply and Place 75Mm Thick Dense Grade Asphalt to Bridge Deck and Approach Slabs	1721	m2
29	Supply and Installation of 100Mm Dia Hd Rigid Plain Insulating Upvc Conduit In Barriers and Wingwalls Including Fittings	81	m
30	Supply and Installation of 50Mm Dia Upvc Electrical Conduit	81	m
31	Supply and Install Thrie Beam Anchor Assembly	2	each
32	Joint Materials Including Joint Sealant, Bitumen Impregnated Fibre Board Debonding Layers, Bitumen Paper, Cellular Polystyrene and Others	-	lump sum
33	Demolition of Existing Structure	-	lump sum
MISCELLANEOUS			Sub Total
TOTAL AMOUNT (Excluding GST)			
Add GST			
TOTAL FOR SCHEDULE OF PRICES			

Schedule of Rates

Project: Old Wallgrove Road Upgrade Robert Road to M7 Interchange

ADDENDUM 3 - April 2014

Contract no: 13.2613.0706

The quantities shown in this Schedule of

Pay Item	Description of work	Quantity	Unit	Rate	Amount
G1 - JOB SPECIFIC REQUIREMENTS					
G1P1	Construction of Retaining Walls				
G1P1.1	Retaining Wall Site 1	-	lump sum		\$0.00
G1P1.2	Retaining Wall Site 2	-	lump sum		\$0.00
G1P1.3	Retaining Wall Site 3	-	lump sum		\$0.00
G1P1.4	Retaining Walls Site 4A	-	lump sum		\$0.00
G1P1.5	Retaining Walls Site 4B	-	lump sum		\$0.00
G1P1.6	Retaining Wall Site 5	-	lump sum		\$0.00
G1P2	Relocation of Existing Substation Gross Interceptor Tank	-	lump sum		\$0.00
G1P3	Provision of emergency towing services	-	lump sum		\$0.00
G1P4	Incident response by towing service (Item with provisional quantity)	5	each		\$0.00
G1P5	Provide and maintain Variable Message Signs for Works within M7 Lands	-	lump sum		\$0.00
G1P6	Dilapidation Survey Reports establishing the condition of M7 Land affected by the Works	-	lump sum		\$0.00
G1	JOB SPECIFIC REQUIREMENTS			Sub-Total:	\$0.00
G2-C2 - GENERAL REQUIREMENTS - (MAJOR CONTRACTS)					
G2-C2P1	Primary Testing Subcontract	-	provisional sum	\$750,000.00	\$750,000.00
G2-C2P2	WAE Drawings	-	lump sum	\$300,000.00	\$300,000.00
G2-C2	GENERAL REQUIREMENTS			Sub-Total:	\$1,050,000.00
G4 - PRINCIPAL'S PROJECT ACCOMMODATION					
G4P1	Establishment of Principal's Project Accommodation	-	lump sum		\$0.00
G4P2	Maintenance of Principal's Project Accommodation until Completion	98	week		\$0.00
G4P3	Maintenance of Principal's Project Accommodation after Completion (Item with provisional quantity)	8	week		\$0.00
G4P4	Removal of Principal's Project Accommodation	-	lump sum		\$0.00
G4	PRINCIPAL'S PROJECT ACCOMMODATION			Sub-Total:	\$0.00
G7 - PUBLIC UTILITY ADJUSTMENTS					
G7P1	Coordination and Management of Utility Adjustment Work	-	lump sum		\$0.00
G7P2	Excavation and Backfill of Shared Trench (Item with provisional quantity)	100	m3		\$0.00
G7P3	Inadequate Foundation Material Under Conduits and Pit Bases (Item with provisional quantity)	100	m3		\$0.00

Name of Tenderer:

Pay Item	Description of work	Quantity	Unit	Rate	Amount
G7P5	Electricity Mains				
G7P5.1	Endeavour Energy Works Package 1 – 132kV Feeder 217 – Sydney West TG to North Eastern Creek ZS, Asset Relocation at Old Wallgrove Road (ARP2026)	-	lump sum		\$0.00
G7P5.2	Endeavour Energy Works Package 2 – 33kV Feeder Mount Druitt TS to East Wallgrove Asset Relocation Wallgrove Road (ARP2185)	-	lump sum		\$0.00
G7P5.3	Endeavour Energy Works Package 3 – 132kV Feeders 93A/93Z Sydney West to Blacktown TS Relocation Wallgrove Road (ARP2183)	-	lump sum		\$0.00
G7P5.4	Supply and Installation of Pilot Cable and demolition and disposal of existing as directed by Principal	-	provisional sum	\$300,000.00	\$300,000.00
G7P6	Street Lighting	-	lump sum		\$0.00
G7P7	Engagement of Water Servicing Coordinator	-	lump sum		\$0.00
G7P8	Water Mains	-	Lump Sum		\$0.00
G7P9	Sewer Mains	-	Lump Sum		\$0.00
G7P10	Traffic Signals				
G7P10.1	Traffic Signals at Wallgrove Road (MR515) and Old Wallgrove Road (MR 693) Eastern Creek	-	lump sum		\$0.00
G7P10.2	Traffic Signals at Wallgrove Road (MR515), M7 Northbound Onload, Offload Ramps and Mini Link Road Eastern Creek	-	lump sum		\$0.00
G7P10.3	Traffic Signals at Old Wallgrove (MR693) Road and Mini Link Road Eastern Creek	-	lump sum		\$0.00
G7P10.4	Traffic Signals at Old Wallgrove Road (MR693) New Road and Southridge Street Eastern Creek	-	lump sum		\$0.00
G7P10.5	Traffic Signals at Old Wallgrove Road (MR693) and Eastern Creek Drive Eastern Creek	-	lump sum		\$0.00
G7P10.6	Traffic Signals at Old Wallgrove Road (MR693) and Roberts Road Eastern Creek	-	lump sum		\$0.00
G7P12	Telstra Services	-	provisional sum	\$4,500,000.00	\$4,500,000.00
G7P13	Removal and disposal of redundant asbestos utility services required for road construction				\$0.00
G7P13.1	Asbestos Conduit (Item with provisional quantity)	100	m		\$0.00
G7P13.2	Asbestos Pits (Item with provisional quantity)	10	each		\$0.00
G7P14	Backfilling after removal of redundant services with flowable fill (Item with provisional quantity)	100	m3		\$0.00
G7P15	Other Telecommunication Utility Owners Adjustment Works				
G7P15.1	Adjustment to Other Telecommunication Utility Owners – OPTUS	-	provisional sum	\$50,000.00	\$50,000.00
G7P15.2	Adjustment to Other Telecommunication Utility Owners – National Broadband Network (NBN)	-	provisional sum	\$250,000.00	\$250,000.00
G7P15.3	Adjustment to Other Telecommunication Utility Owners – AARNET	-	provisional sum	\$20,000.00	\$20,000.00
G7P15.4	Adjustment to Other Telecommunication Utility Owners – PipeNetworks	-	provisional sum	\$75,000.00	\$75,000.00
G7P15.5	Adjustment to Other Telecommunication Utility Owners – UECOMM	-	provisional sum	\$75,000.00	\$75,000.00
G7	PUBLIC UTILITY ADJUSTMENTS			Sub-Total:	\$5,270,000.00
G10 - CONTROL OF TRAFFIC					
G10P1	Traffic Management	-	lump sum		\$0.00
G10P2	Maintenance of Traffic Control Measures	98	week		\$0.00
G10P3	Routine Maintenance of Existing Roadways	98	week		\$0.00
G10P4	Routine Maintenance of New Roadways Opened to Traffic (Item with provisional quantity)	354	km-week		\$0.00
G10	CONTROL OF TRAFFIC			Sub-Total:	\$0.00

Name of Tenderer:

Pay Item	Description of work	Quantity	Unit	Rate	Amount
G36	ENVIRONMENTAL PROTECTION (MANAGEMENT SYSTEM)				
G36P1	Building Condition Inspections (Item with provisional quantity)	10	each		\$0.00
G36P2	CEMP Preparation	-	lump sum		\$0.00
G36P3	Site Monitoring	98	week		\$0.00
G36	ENVIRONMENTAL PROTECTION (MANAGEMENT SYSTEM)			Sub-Total:	\$0.00

G38 - SOIL AND WATER MANAGEMENT (SOIL AND WATER MANAGEMENT PLAN)

G38P7	Site Water Quality Monitoring	-	lump sum		\$0.00
G38P8	Maintenance of Environmental Control Measures	98	week		\$0.00
G38	SOIL AND WATER MANAGEMENT (SOIL AND WATER MANAGEMENT PLAN)			Sub-Total:	\$0.00

G40 - CLEARING AND GRUBBING

G40P1	Clearing and Grubbing	-	lump sum		\$0.00
G40P2	Production and Stockpiling of Mulch	1500	m3		\$0.00
G40P3	Demolition				
G40P3.1	Remove Redundant Drainage Pipe less than or equal to 750mm Diameter (Item with provisional quantity)	98	m		\$0.00
G40P3.2	Remove Existing Headwalls less than or equal to 750mm Diameter (Item with provisional quantity)	1	each		\$0.00
G40P3.3	Remove Redundant Drainage Pipe greater than or equal to 750mm Diameter (Item with provisional quantity)	10	m		\$0.00
G40P3.4	Remove Existing Headwalls greater than 750mm Diameter (Item with provisional quantity)	2	each		\$0.00
G40P3.5	Remove Existing Stormwater Pits	6	each		\$0.00
G40P3.6	Remove Redundant Kerb, Gutter, and Concrete Dish Drain	938	m		\$0.00
G40P3.7	Remove Redundant Concrete Infill	900	m2		\$0.00
G40P3.8	Remove Redundant Subsoil Drains (Item with provisional quantity)	100	m		\$0.00
G40	CLEARING AND GRUBBING			Sub-Total:	\$0.00

R11 - STORMWATER DRAINAGE

R11P2	Excavation for Stormwater Drainage Structures				
R11P2 (a)	Reinforced Concrete and Fibre Reinforced Concrete Pipes	7967	m3		\$0.00
R11P2 (c)	Other Drainage Structures	605	m3		\$0.00
R11P3	Excavation for Open Drains	200	m3		\$0.00
R11P4	Inadequate Foundation Material under Drainage Structures and Open Drains (Item with provisional quantity)	900	m3		\$0.00
R11P5	Precast Concrete and Fibre-reinforced Concrete Pipes				
R11P5.3	Reinforced Concrete Pipe 300mm Dia. - Class 3	11	m		\$0.00
R11P5.4	Reinforced Concrete Pipe 300mm Dia. - Class 4	8	m		\$0.00
R11P5.5	Reinforced Concrete Pipe 375mm Dia. - Class 3	2858	m		\$0.00
R11P5.6	Reinforced Concrete Pipe 375mm Dia. - Class 4	125	m		\$0.00
R11P5.7	Reinforced Concrete Pipe 450mm Dia. - Class 3	1250	m		\$0.00
R11P5.8	Reinforced Concrete Pipe 450mm Dia. - Class 4	540	m		\$0.00
R11P5.9	Reinforced Concrete Pipe 525mm Dia. - Class 3	132	m		\$0.00
R11P5.10	Reinforced Concrete Pipe 525mm Dia. - Class 4	12	m		\$0.00
R11P5.11	Reinforced Concrete Pipe 600mm Dia. - Class 3	82	m		\$0.00

Name of Tenderer:

Pay Item	Description of work	Quantity	Unit	Rate	Amount
R11P5.12	Reinforced Concrete Pipe 600mm Dia. - Class 4	100	m		\$0.00
R11P5.13	Reinforced Concrete Pipe 675mm Dia. - Class 3	80	m		\$0.00
R11P5.14	Reinforced Concrete Pipe 675mm Dia. - Class 4	174	m		\$0.00
R11P5.15	Reinforced Concrete Pipe 750mm Dia. - Class 3	196	m		\$0.00
R11P5.16	Reinforced Concrete Pipe 750mm Dia. - Class 4	72	m		\$0.00
R11P5.17	Reinforced Concrete Pipe 825mm Dia. - Class 3	26	m		\$0.00
R11P5.18	Reinforced Concrete Pipe 900mm Dia. - Class 4	64	m		\$0.00
R11P5.19	Reinforced Concrete Pipe 1050mm Dia. - Class 4	43	m		\$0.00
R11P7	Drainage Structures Other Than Pipes and Box Culverts				
R11P7.1	Headwall to suit a single cell 375mm Pipe	2	each		\$0.00
R11P7.2	Headwall to suit a single cell 450mm Pipe	4	each		\$0.00
R11P7.3	Headwall to suit a single cell 600mm Pipe	1	each		\$0.00
R11P7.4	Headwall to suit a single cell 675mm Pipe	1	each		\$0.00
R11P7.5	Headwall to suit a double cell 675mm Pipe	1	each		\$0.00
R11P7.6	Headwall to suit a single cell 750mm Pipe and a single cell 675mm Pipe combined	1	each		\$0.00
R11P7.7	Headwall to suit a single cell 900mm Pipe	1	each		\$0.00
R11P7.8	Headwall to suit a single cell 1050mm Pipe	0	each		\$0.00
R11P7.9	Headwall to suit quadruple cell 1050mm Pipe	1	each		\$0.00
R11P7.10	Supply and Install Pits				
R11P7.10.1	Junction Pits	2	each		\$0.00
R11P7.10.2	MGDG Pits	1	each		\$0.00
R11P7.10.3	MGSG Pits	3	each		\$0.00
R11P7.10.4	SA1 Pit	75	each		\$0.00
R11P7.10.5	SA2 Pit	109	each		\$0.00
R11P7.10.6	SA3 Pit	13	each		\$0.00
R11P7.10.7	SAS Pit	7	each		\$0.00
R11P7.10.8	SFE Pit	125	each		\$0.00
R11P7.10.9	SF Pit	3	each		\$0.00
R11P7.10.10	SF MOD Pit	1	each		\$0.00
R11P7.10.11	SL2 MOD Pit	21	each		\$0.00
R11P7.10.12	SL MOD Pit	8	each		\$0.00
R11P7.10.13	Inspection Pit	1	each		\$0.00
R11P7.10.14	RSG 1200x1200 Pits	3	each		\$0.00
R11P7.10.15	RSG 900x900 Pits	1	each		\$0.00
R11P7.10.16	SA1-SP – Pit with Enlarged Chamber	1	each		\$0.00
R11P7.11	Modify Existing Pits				
R11P7.11.1	BP Pit	9	each		\$0.00
R11P7.11.2	MGSG Pit	1	each		\$0.00
R11P7.11.3	SA1-MOD Pit	3	each		\$0.00
R11P7.11.4	SA2-MOD Pit	2	each		\$0.00
R11P7.11.5	SAS-MOD Pit	4	each		\$0.00
R11P7.11.6	SL2 MOD Pit	1	each		\$0.00
R11P7.11.7	Inspection Pit	1	each		\$0.00
R11P7.11.8	SA2 Pit	1	each		\$0.00
R11P8	Concrete Lining of Open Drains				
R11P8.1	Unreinforced Concrete Lining of Open Drains	614	m2		\$0.00
R11P8.2	Reinforced Concrete Lining of Open Drains	28	m2		\$0.00
R11P9	Supply and Install 225mm dia Strip Drain	16	m		\$0.00

Name of Tenderer:

Pay Item	Description of work	Quantity	Unit	Rate	Amount
R11P12	Backfill with Stabilised Sand (Item with provisional quantity)	200	m3		\$0.00
R11P13	Backfill with No Fines Concrete Sand Cement Mix	200	m3		\$0.00

Name of Tenderer:

Pay Item	Description of work	Quantity	Unit	Rate	Amount
R11P14	Sealing and Grouting of Redundant Stormwater lines that remain in-situ	20	m3		\$0.00
R11P15	Backfill of Culverts in Wet Conditions (Item with provisional quantity)	50	m3		\$0.00
R11P16	Rip Rap Scour Protection	1059	m3		\$0.00
R11P17	Pipe Connections – Existing Pits to new Pipes	7	each		\$0.00
R11	STORMWATER DRAINAGE			Sub-Total:	\$0.00

R15 - KERBS AND GUTTERS

R15P1	Kerbs and Gutters				
R15P1.1	Kerbs and Gutters - Type SA	4038	m		\$0.00
R15P1.2	Kerbs and Gutters - Type SA MOD1	862	m		\$0.00
R15P1.3	Kerbs and Gutters - Type SE	342	m		\$0.00
R15P1.4	Kerbs and Gutters - Type SE MOD1	762	m		\$0.00
R15P1.5	Kerbs and Gutters - Type SFM	308	m		\$0.00
R15P1.6	Kerbs and Gutters - SFM MOD1	1585	m		\$0.00
R15P1.7	Kerbs and Gutters - Type SF	1147	m		\$0.00
R15P1.8	Kerbs and Gutters - Type SF MOD1	1342	m		\$0.00
R15P1.9	Kerbs and Gutters - Type SM	549	m		\$0.00
R15P1.10	Kerbs and Gutters - Type SB	24	m		\$0.00
R15P1.11	Kerbs and Gutters - Transition SE/SF	8	each		\$0.00
R15P1.12	Kerbs and Gutters - Transition SE/SFM	1	each		\$0.00
R15P1.13	Kerbs and Gutters - Transition SE/SF MOD1	0	each		\$0.00
R15P1.14	Kerbs and Gutters - Transition SE MOD1/SF	2	each		\$0.00
R15P1.15	Kerbs and Gutters - Transition SE MOD1/SFM MOD1	2	each		\$0.00
R15P1.16	Kerbs and Gutters - Transition SF/SE	0	each		\$0.00
R15P1.17	Kerbs and Gutters - Transition SF/SE MOD1	0	each		\$0.00
R15P1.18	Kerbs and Gutters - Transition SFMOD1/SE MOD1	4	each		\$0.00
R15P1.19	Kerbs and Gutters - Transition SFM MOD1/SE MOD1	0	each		\$0.00
R15P1.20	Kerb Ramps	0	each		\$0.00
R15P1.21	Vehicle Crossings	0	each		\$0.00
R15	KERBS AND GUTTERS			Sub-Total:	\$0.00

R33 - TRENCH DRAINS

R33P1	Excavation	2555	m3		\$0.00
R33P2	Drainage Pipe				
R33P2.1	100 mm dia Corrugated Perforated Plastic Drainage Pipe	8500	m		\$0.00
R33P2.2	100 mm dia Corrugated Non-perforated Plastic Drainage Pipe	130	m		\$0.00
R33P2.5	65 mm dia Corrugated Perforated Plastic Drainage Pipe	52	m		\$0.00
R33P3	Filter Material				
R33P3.1	Aggregate Filter Material	1330	m3		\$0.00
R33P3.2	No Fines Concrete	1225	m3		\$0.00
R33P4	Supply and Installation of Geotextile	22880	m2		\$0.00
R33P6	Batter Outlets				
R33P6.2	Flat Batter Outlet	2	each		\$0.00
R33	TRENCH DRAINS			Sub-Total:	\$0.00

Name of Tenderer:

Pay Item	Description of work	Quantity	Unit	Rate	Amount
R44 - EARTHWORKS					
R44P1	Topsoil				
R44P1.1	Removal and Stockpiling of Non-contaminated Topsoil	11950	m3		\$0.00
R44P1.2	Removal and Disposal Off-Site of Topsoil	5050	m3		\$0.00
R44P2	General Earthworks (Cut/Fill)	41700	m3		\$0.00
R44P3	Imported or Borrowed Material	44300	m3		\$0.00
R44P4	Unsuitable Material (Item with provisional quantity)	4000	m3		\$0.00
R44P5	Selected Material in the Selected Material Zone and Verge Material				
R44P5.2	Selected Material Imported from beyond the Limit of Works area	19200	m3		\$0.00
R44P6	Disposal of Non-Contaminated Spoil Off Site (Item with provisional quantity)	1000	m3		\$0.00
R44P7	Foundation Treatments				
R44P7.1	Treatment Type E1 and Cutting Type C1 - Loosen and Recompact	117257	m2		\$0.00
R44P8	Identification, Treatment and Disposal Off Site of Contaminated Material				
R44P8.1	Identified Contaminated Material				
R44P8.1(a)	Asbestos (Item with provisional quantity)	100	t		\$0.00
R44P8.2	Other Contaminated Material	-	provisional sum	\$100,000.00	\$100,000.00
R44P9	Removal of Asphalt and granular pavement material from under the new road alignment formation	7060	m3		\$0.00
R44	EARTHWORKS			Sub-Total:	\$100,000.00
R50 - STABILISATION OF EARTHWORKS					
R50P1	Supply of Stabilising Agent				
R50P1.1	Quicklime	620	t		\$0.00
R50P2	Stabilisation with In Place Mixing	17250	m3		\$0.00
R50	STABILISATION OF EARTHWORKS			Sub-Total:	\$0.00
R55 - ROCK FILLED GABIONS AND MATTRESSES					
R55P2	Rock Filled Wire Mattresses				
R55P2.1	Rock Filled Wire Mattresses - 500mm Thick	41	m2		\$0.00
R55P5	Excavation for Gabions and Mattresses				
R55P5.2	Excavation for Mattresses	20	m3		\$0.00
R55	ROCK FILLED GABIONS AND MATTRESSES			Sub-Total:	\$0.00
R71 - UNBOUND AND MODIFIED PAVEMENT COURSE					
R71P2	Supply and Place Base	2550	m3		\$0.00
R71	UNBOUND AND MODIFIED PAVEMENT COURSE			Sub-Total:	\$0.00
R82 - LEAN-MIX CONCRETE SUBBASE					
R82P1	Supply and Place Concrete in Subbase	13360	m3		\$0.00
R82P2	Finish and Cure Subbase	58150	m2		\$0.00
R82P3	Surface Debonding Treatment				
R82P3.1	Quick Dry Primer	2430	m2		\$0.00
R82P4	Subgrade Beams	8	m3		\$0.00
R82	LEAN-MIX CONCRETE SUBBASE			Sub-Total:	\$0.00

Name of Tenderer:

Pay Item	Description of work	Quantity	Unit	Rate	Amount
R83 - JOINTED CONCRETE BASE					
R83P1	Supply and Place Concrete in Base				
R83P1.1	Supply and Place Concrete in Base (other than steel fibre reinforced concrete)	15	m3		\$0.00
R83P2	Finish, Cure and Texture Base	60	m2		\$0.00
R83P3	Supply and Place Wire Reinforcing Fabric	60	m2		\$0.00
R83P7	Transverse Contraction Joints	12	m		\$0.00
R83	JOINTED CONCRETE BASE			Sub-Total:	\$0.00

R101 - COLD MILLING OF ASPHALT, BASE COURSE AND CEMENT CONCRETE

R101P1	Milling to Specified Depth of Cut				
R101P1.1	0 - 50mm deep	22200	m2		\$0.00
R101P1.2	50 - 200mm deep (Item with provisional quantity)	1000	m2		\$0.00
R101	COLD MILLING OF ASPHALT, BASE COURSE AND CEMENT CONCRETE			Sub-Total:	\$0.00

R106 - SPRAYED BITUMINOUS SURFACING (WITH CUTBACK BITUMEN)

R106P1	Supply and Spray Primer, Primerbinder (including Preparation of Surface)				
R106P1.1	AMC00	0	litre		\$0.00
R106P1.6	AMC4	69780	litre		\$0.00
R106P2	Supply and Spray Binder - Class 170 Bitumen (including Adhesion Agent where required and Preparation of Surface)	73115	litre		\$0.00
R106P5	Supply, Incorporate and Spray Cutter Oil in Binder	13400	litre		\$0.00
R106P7	Supply, Precoat, Apply and Incorporate Aggregate				
R106P7.2	7 mm Aggregate (precoated)	660	m3		\$0.00
R106P7.3	10 mm Aggregate (precoated)	0	m3		\$0.00
R106	SPRAYED BITUMINOUS SURFACING (WITH CUTBACK BITUMEN)			Sub-Total:	\$0.00

R110 - COLOURED SURFACE COATINGS FOR BUS LANES AND CYCLEWAYS

R110P1	Preparation of Surface	400	m2		\$0.00
R110P2	Supply and apply Coloured Surface Coating (Including Priming)				
R110P2.1	Red	400	m2		\$0.00
R110	COLOURED SURFACE COATINGS FOR BUS LANES AND CYCLEWAYS			Sub-Total:	\$0.00

R116 - HEAVY DUTY DENSE GRADED ASPHALT

R116P1	Supply and Application of Tackcoat (Including Preparation of Surface)	115650	litre		\$0.00
R116P2	Heavy Duty Dense Asphalt in Corrective Courses				
R116P2.5	20 mm Nominal Size, (AR 450), varying thickness	4120	t		\$0.00
R116P3	Heavy Duty Dense Asphalt in Intermediate Courses				

Name of Tenderer:

Pay Item	Description of work	Quantity	Unit	Rate	Amount
R116P3.3	20mm Nominal Size				
R116P3.3.1	20mm Nominal Size, (AR 450), 130 mm thick	57510	m2		\$0.00
R116P3.3.2	20mm Nominal Size, (AR 450), 125 mm thick	580	m2		\$0.00
R116P3.3.3	20mm Nominal Size, (AR 450), 60 mm thick	2200	m2		\$0.00
R116P4	Heavy Duty Dense Asphalt in Wearing Course				
R116P4.4	14mm Nominal Size				
R116P4.4.1	14 mm Nominal Size, (AR 450), 40 mm thick	2200	m2		\$0.00
R116P4.4.2	14 mm Nominal Size, (A15E), 50 mm thick	83260	m2		\$0.00
R116	HEAVY DUTY DENSE GRADED ASPALT			Sub-Total:	\$0.00

R132 - SAFETY BARRIER SYSTEMS

R132P1	Removal of Safety Barriers	560	m		\$0.00
R132P2	Removal of End Treatments and Transitions	17	each		\$0.00
R132P3	Construction of Post and Rail Safety Barriers				
R132P3.1	Near side (single sided) post and rail barriers	255	m		\$0.00
R132P4	Post Holes at 400 mm Diameter (Item with provisional quantity)	10	each		\$0.00
R132P8	Construction of End Treatments				
R132P8.1	ET2000	6	each		\$0.00
R132P8.2	Quadguard Wide Steel Rail Crash Cushion	2	each		\$0.00
R132P9	Construction of Transitions	5	each		\$0.00
R132P10	Supply and Installation of Temporary Precast Concrete Safety Barriers at Southridge Street North	25	m		\$0.00
R132	SAFETY BARRIER SYSTEMS			Sub-Total:	\$0.00

R141 - PAVEMENT MARKING

R141P1	Waterborne Paint - Longitudinal Lines				
R141P1.1	Type E6	4280	m		\$0.00
R141P1.2	Type S4	1109	m		\$0.00
R141P1.3	Type S5	1284	m		\$0.00
R141P1.4	Type L6	176	m		\$0.00
R141P3	Non-profile Thermoplastic Pavement Marking Material - Longitudinal Lines				
R141P3.1	Type BB	100	m		\$0.00
R141P3.2	Type C1	4444	m		\$0.00
R141P3.3	Type C3	4866	m		\$0.00
R141P3.4	Type E1	2126	m		\$0.00
R141P3.5	Type E3	1638	m		\$0.00
R141P3.6	Type E4	1136	m		\$0.00
R141P3.7	Type E5	735	m		\$0.00
R141P3.8	Type L1	8522	m		\$0.00
R141P3.9	Type L6	239	m		\$0.00
R141P3.10	Type T1	556	m		\$0.00
R141P4	Screeded or Sprayed Non-profile Thermoplastic Pavement Marking Material - Transverse Lines and Other Markings				
R141P4.1	"BUS LANE" marking	68	m2		\$0.00
R141P4.2	Chevron	594	m2		\$0.00
R141P4.3	PCW	104	m2		\$0.00
R141P4.4	PS-3	23	m2		\$0.00

Name of Tenderer:

Pay Item	Description of work	Quantity	Unit	Rate	Amount
R141P4.5	PS-4	40	m2		\$0.00
R141P4.6	"SLOW" marking	8	m2		\$0.00
R141P4.7	Speed Marking - "50" / "60"	28	m2		\$0.00
R141P4.8	Type TB	14	m2		\$0.00
R141P4.9	Type TF	96	m2		\$0.00
R141P4.10	UA1	10	m2		\$0.00
R141P4.11	UA3(L)	56	m2		\$0.00
R141P4.12	UA3(R)	142	m2		\$0.00
R141P4.13	UA4(L)	6	m2		\$0.00
R141P4.14	UA5(R)	9	m2		\$0.00
R141P4.15	"BUSES EXCEPTED" marking	138	m2		\$0.00
R141P13	Removal of Longitudinal Line Markings, Transverse Lines and Other Symbols	260	m2		\$0.00
R141	PAVEMENT MARKING			Sub-Total:	\$0.00

R142 - RETROREFLECTIVE RAISED PAVEMENT MARKERS

R142P2	Installation of Retroreflective Raised Pavement Markers	1930	each		\$0.00
R142P3	Removal of Retroreflective Raised Pavement Markers (Item with provisional quantity)	100	each		\$0.00
R142	RETROREFLECTIVE RAISED PAVEMENT MARKING			Sub-Total:	\$0.00

R143 – SIGNPOSTING

R143P7	Relocation and/ or Modification to Existing Sign Panels and Support Structures - Fire Brigade Vehicular Access Sign	1	each		\$0.00
R143P8	Supply and Erect New Road Sign Sets Complete				
R143P8.1	Bicycle Prohibition RB-10-3	3	each		\$0.00
R143P8.2	Blacktown City Council Standards	2	each		\$0.00
R143P8.3	Form 1 Lane G9-15	1	each		\$0.00
R143P8.4	Form 2 Lanes G9-16	2	each		\$0.00
R143P8.5	Give Way R1-2	1	each		\$0.00
R143P8.6	Left Lane Must Turn Left R2-S 9L,Buses Excepted R9-2	6	each		\$0.00
R143P8.7	Left Only R2-14	1	each		\$0.00
R143P8.8	No Left Turn R2-6L	1	each		\$0.00
R143P8.9	No Stopping (Left Arrow) R5400(L)	2	each		\$0.00
R143P8.10	No Stopping (Left Arrow) R5-400L, Bus Zone R5-20R	12	each		\$0.00
R143P8.11	No Stopping (Left Arrow) R5-400L,Bus Zone R5-20L	4	each		\$0.00
R143P8.12	No Stopping (Left I Right Arrow) R5-400(Lr)	57	each		\$0.00
R143P8.13	No Stopping (Right Arrow) R5400(R)	1	each		\$0.00
R143P8.14	No Stopping (Right Arrow) R5-400R, Bus Zone R5-20L	8	each		\$0.00
R143P8.15	Pedestrians Prohibited R6-15	15	each		\$0.00
R143P8.16	Shared Pathway R8-2	24	each		\$0.00
R143P8.17	Shared Pathway RB-2, End R7-4	2	each		\$0.00
R143P8.17	Shared Pathway RS-2	0	each		\$0.00
R143P8.18	Shared Zone W6-9	1	each		\$0.00
R143P8.19	Speed Limit 50 Km/h R4-1	5	each		\$0.00
R143P8.20	Speed Limit 60 Km/h R4-1	6	each		\$0.00
R143P8.21	Speed Limit 80 Km/h R4-1	35	each		\$0.00
R143P8.22	Stop R1-1	1	each		\$0.00

Name of Tenderer:

Pay Item	Description of work	Quantity	Unit	Rate	Amount
R143P8.23	Street Signage Eastern Creek Dr Refer To Drg PM-0527	2	each		\$0.00
R143P8.24	Street Signage Mini Link Rd Refer To Drg PM-0528	4	each		\$0.00
R143P8.25	Street Signage Quarry Rd Refer To Drg PM-0529 B	2	each		\$0.00
R143P8.26	Street Signage Southridge St Refer To Drg PM-0530	2	each		\$0.00
R143P8.27	T Intersection W2-3	1	each		\$0.00
R143P8.28	Guide Sign 'A'	1	each		\$0.00
R143P8.29	Guide Sign 'B'	1	each		\$0.00
R143P8.30	Guide Sign 'C'	1	each		\$0.00
R143P8.31	Guide Sign 'D'	1	each		\$0.00
R143P8.32	Guide Sign 'E'	1	each		\$0.00
R143P8.33	Guide Sign 'F'	1	each		\$0.00
R143P8.34	Guide Sign 'G'	1	each		\$0.00
R143P8.35	Guide Sign 'H'	1	each		\$0.00
R143P8.36	Guide Sign 'I'	1	each		\$0.00
R143P8.37	Guide Sign 'J'	1	each		\$0.00
R143P8.38	Guide Sign 'K'	1	each		\$0.00
R143P9	Removal of Existing Sign Panels and Support Structures	84	each		\$0.00
R143	SIGNPOSTING			Sub-Total:	\$0.00

R155 - UNDERGROUND CABLEWAYS

R155P1	Design of Cableway	-	lump sum		\$0.00
R155P2	Excavation and Backfill of Cableway Trench	3350	m3		\$0.00
R155P3	Inadequate Foundation Material Under Conduits and Pit Bases (Item with provisional quantity)	350	m3		\$0.00
R155P6	Conduits				
R155P6.1	100mm DN white rigid HD plastic communications conduit	12680	m		\$0.00
R155P6.2	100mm DN orange rigid HD plastic electrical conduit	12680	m		\$0.00
R155P7	Pits				
R155P7.1	Communication Pit, 900mm x 900mm	50	each		\$0.00
R155P7.2	Electrical Pit, 600mm x 600mm	50	each		\$0.00
R155P9	Brass Lid Labels	100	each		\$0.00
R155	UNDERGROUND CABLEWAYS			Sub-Total:	\$0.00

R160 - CLOSED CIRCUIT TELEVISION SYSTEM FOR BROADBAND CONNECTION

R160P1	Conduits and Cabling				
R160P1.1	Old Wallgrove Road/Roberts Road Intersection	-	lump sum		\$0.00
R160P1.2	Old Wallgrove Road/Quarry Road Intersection	-	lump sum		\$0.00
R160P1.3	Old Wallgrove Road/Wallgrove Road Intersection	-	lump sum		\$0.00
R160P1.4	Wallgrove Road/Mini Link Road Intersection	-	lump sum		\$0.00
R160P2	CCTV Mast				
R160P2.1	Old Wallgrove Road/Roberts Road Intersection	-	lump sum		\$0.00
R160P2.2	Old Wallgrove Road/Quarry Road Intersection	-	lump sum		\$0.00
R160P2.3	Old Wallgrove Road/Wallgrove Road Intersection	-	lump sum		\$0.00
R160P2.4	Wallgrove Road/Mini Link Road Intersection	-	lump sum		\$0.00
R160P3	CCTV Installation				
R160P3.1	Old Wallgrove Road/Roberts Road Intersection	-	lump sum		\$0.00
R160P3.2	Old Wallgrove Road/Quarry Road Intersection	-	lump sum		\$0.00
R160P3.3	Old Wallgrove Road/Wallgrove Road Intersection	-	lump sum		\$0.00
R160P3.4	Wallgrove Road/Mini Link Road Intersection	-	lump sum		\$0.00

Name of Tenderer:

Pay Item	Description of work	Quantity	Unit	Rate	Amount
R160P4	CCTV Documentation				
R160P4.1	Old Wallgrove Road/Roberts Road Intersection	-	lump sum		\$0.00
R160P4.2	Old Wallgrove Road/Quarry Road Intersection	-	lump sum		\$0.00
R160P4.3	Old Wallgrove Road/Wallgrove Road Intersection	-	lump sum		\$0.00
R160P4.4	Wallgrove Road/Mini Link Road Intersection	-	lump sum		\$0.00
R160	CLOSED CIRCUIT TELEVISION SYSTEM FOR BROADBAND CONNECTION			Sub-Total:	\$0.00

R173 - GENERAL CONCRETE PAVING

R173P1	Concrete Paving				
R173P1.1	Type 4 - 125mm Concrete Median Island with SL62 reinforcement	6980	m2		\$0.00
R173P1.2	Type 5 - 75mm Concrete Footpath, unreinforced	2652	m2		\$0.00
R173P1.3	Type 6 - 150mm Shared Path and Concrete Driveway with SL72 reinforcement	7342	m2		\$0.00
R173	GENERAL CONCRETE PAVING			Sub-Total:	\$0.00

R178 – VEGETATION

R178P1	Spraying Weeds with Herbicide	72200	m2		\$0.00
R178P2	Topsoiling Using Site Material Including Surface Preparation and Screening and Testing of Topsoil Stockpiles				
R178P2.1	Areas with a slope of 4 to 1 or flatter.	54450	m2		\$0.00
R178P2.2	Areas of steeper than 4 to 1	6050	m2		\$0.00
R178P2.3	Topsoiling for areas under turf	5850	m2		\$0.00
R178P2.4	Placement of Buffer Layer of Non-saline Subsoil	9570	m2		\$0.00
R178P7	Hydroseeding	60500	m2		\$0.00
R178P17	Lining Open Drains with Organic Fibre Mesh	930	m2		\$0.00
R178P18	Turfing for Slopes and Open Drain Areas				
R178P18.1	Areas with gradient 4 to 1 or flatter	5850	m2		\$0.00
R178P19	Watering (Item with provisional quantity)	100	Kl		\$0.00
R178	VEGETATION			Sub-Total:	\$0.00

R179 - LANDSCAPE PLANTING

R179P18	Landscape Planting Subcontract	-	Provisional Sum	\$1,000,000.00	\$1,000,000.00
R179	LANDSCAPE PLANTING			Sub-Total:	\$1,000,000.00

R201 – FENCING

R201P8	Security Fencing				
R201P8.1	Chain Mesh Fence	2400	m		\$0.00
R201P8.2	Post and Balluster Panel Fence	1250	m		\$0.00
R201P9	Pedestrian Fencing	574	m		\$0.00
R201P9.1	Handrail – Monowills “Standard” Type, Galvanised (or approved equivalent)	0	m		\$0.00
R201P13	Removal of Existing Fencing	3600	m		\$0.00
R201	FENCING			Sub-Total:	\$0.00

Name of Tenderer:

Pay Item	Description of work	Quantity	Unit	Rate	Amount
R204 - PROPERTY ADJUSTMENTS					
R204P1	Property Adjustments				
R204P1.1	Lot No. 1553, D.P 1162668 – BGAI 5 Pty Ltd	-	lump sum		\$0.00
R204P1.2	Lot Pt 4 D.P 1159804 – The Austral Brick Company Pty Ltd	-	lump sum		\$0.00
R204P1.3	Lot 451 D.P 1109136 – BGAI Pty Ltd	-	lump sum		\$0.00
R204P1.4	Lot 552 D.P 1110447 – BGAI 5 Pty Ltd	-	lump sum		\$0.00
R204P1.5	Lot 1556 D.P 1148351 – The Australian Brick Company Pty Ltd	-	lump sum		\$0.00
R204P1.6	Lot 1557 D.P 1148351 – BGA14 Pty Ltd	-	lump sum		\$0.00
R204P1.7	Lot 558 D.P 1110447 – BP Australia Pty Ltd	-	lump sum		\$0.00
R204P1.8	Lot 560 D.P 1110447 – The Australian Brick Company Pty Ltd	-	lump sum		\$0.00
R204P1.9	Lot 11 D.P 1157491 – Jacfin Pty Ltd	-	lump sum		\$0.00
R204P1.10	Lot 101 D.P 1028252 – Jacfin Pty Ltd	-	lump sum		\$0.00
R204P1.11	Lot 9 D.P 1155742	-	lump sum		\$0.00
R204P1.12	Lot 1555 D.P 1158416	-	lump sum		\$0.00
R204P1.13	Lot 3 D.P 1043767	-	lump sum		\$0.00
R204P1.14	Lot 203 D.P 1068492	-	lump sum		\$0.00
R204P1.15	Lot 205 D.P 1074277	-	lump sum		\$0.00
R204P1.16	Lot 204 D.P 1074277	-	lump sum		\$0.00
R204P1.17	Lot 51 D.P 1127422	-	lump sum		\$0.00
R204P1.18	Lot 52 D.P. 1172032	-	lump sum		\$0.00
R204P1.19	Lot 559 D.P. 1110447	-	lump sum		\$0.00
R204	PROPERTY ADJUSTMENTS			Sub-Total:	\$0.00
TOTAL AMOUNT (Excluding GST)					\$7,420,000.00
Add GST					\$742,000.00
TOTAL FOR SCHEDULE OF RATES					\$8,162,000.00

Name of Tenderer: