

**PART P96**  
**INDEPENDENT REVIEW OF CONSTRUCTION**

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**1. GENERAL**

- .1 This Part specifies the requirements for undertaking the Construction Verification of the construction work carried out by the Design and Construct (D&C) Contractor. The D&C Contractor is responsible for undertaking all work under the D&C Contract, unless specified otherwise.
- .2 The following documents are referenced in this Part:
  - (a) AS1348 Road and Traffic Engineering
  - (b) AS9001 Quality Management System
  - (c) G20 Quality System

**2. DEFINITIONS**

- .1 Unless expressly defined otherwise in this Contract, words and expressions which have a defined meaning in:
  - (a) documents provided by the Principal;
  - (b) the DPTI Master Specification for Transport Infrastructure available from: [http://www.dpti.sa.gov.au/contractor\\_documents/specifications/general](http://www.dpti.sa.gov.au/contractor_documents/specifications/general); and
  - (c) AS9000 Quality management systems—Fundamentals and vocabulary, have the same meaning in this Contract.
- .2 The meaning of any term used in this Contract which is related to road or traffic engineering shall be as defined in AS 1348 "Road and Traffic Engineering - Glossary of Terms".
- .3 **"As-Constructed Documents"** means the Documents that accurately detail the Works completed by the D&C Contractor.
- .4 **"Controlled Document"** means a document complying with Clause 7.5.3 "Control of Documented Information" of AS 9001.
- .5 **"Contractor's Specification"** means a document detailing all aspects of the Works completed by the D&C Contractor.
- .6 **"Contract Scope and Technical Requirements (CSTR)"** means the Contract Scope and Technical Requirements for the D&C Contract included in Appendices.
- .7 **"Design Documents"** has the meaning defined in the CSTR.
- .8 **"Hold Point"** has the meaning in Part G20 Quality System Requirements.

- .9 “**Construction Verifier**” means the Consultant.
- .10 “**Surveillance**” means the ongoing observation, examination, assessment, inspection, monitoring and/or analysis of the D&C Contractor’s construction work under the D&C Contract (including provision of Records) to verify compliance with the requirements specified in the D&C Contract.

### **3. ROLE OF THE CONSTRUCTION VERIFIER**

- .1 The Construction Verifier must undertake sufficient Surveillance and Audit of the D&C Contractor’s construction work to verify the following:
  - (a) the Works are constructed safely;
  - (b) the Works are constructed in accordance with the D&C Contractor’s design;
  - (c) the Works are constructed in accordance with the D&C Contractor’s Construction Specification;
  - (d) the Records and reporting comply with the CSTR; and
  - (e) the management systems and processes comply with the CSTR.
- .2 In performing its obligations under this Contract, the Construction Verifier must act:
  - (a) impartially, honestly, diligently and reasonably;
  - (b) independently of the parties to the D&C Contract; and
  - (c) within any timeframe specified in this Contract or the D&C Contract.
- .3 The Construction Verifier acknowledges that the Principal is relying upon the knowledge, skill, expertise and experience of the Construction Verifier in the performance of its obligations under this Contract and is entitled to rely on any certificate or other document signed or given by the Construction Verifier pursuant to this Contract.

### **4. KEY PERSONNEL**

#### **General**

- .1 The Construction Verifier must provide personnel with a sufficient degree of knowledge, skill, expertise and experience to perform its obligations under this Contract.
- .2 The Construction Verifier must ensure that its personnel:
  - (a) meet the requirements for qualifications, skill and experience for the position;
  - (b) perform the services required of their respective positions;
  - (c) are not removed without the prior written consent of the Principal (which consent must not be unreasonably withheld or delayed, and will be deemed to have been given in relation to a party if no response has been received from that party within 7 days of the request for removal), and if any of the people are removed:
  - (d) they must be replaced by people of at least equivalent qualifications, knowledge, skill, expertise and experience; and
  - (e) prior to removal and replacement, there must be a proper and adequate handover to ensure that the new personnel have a reasonable understanding of the Project and the Services; and
  - (f) are available for consultation as any party may reasonably require from time to time.
- .3 The Principal may direct the Construction Verifier to remove from the performance of the Services any of Contractor’s personnel and the Construction Verifier must comply with any such direction.
- .4 The Construction Verifier must notify the Principal in writing of the names of the person or persons that are authorised to sign the certificates and documents referred to in this Contract. The Construction Verifier must ensure that these certificates and documents are signed by the person or persons so notified.

#### **Construction Verifier’s Representatives**

- .5 The Construction Verifier must provide details of authorised representatives and their delegated authority within the organisation to make decisions or sign certificates on behalf of the Construction Verifier.
- .6 Provision of the information required under this clause shall constitute a **HOLD POINT**.

**Principal's Personnel**

- .7 Personnel of the Principal may be seconded to the Construction Verifier to be involved in Surveillance and Audit throughout the Project. Principal's personnel may include one or more of the following positions:
  - (a) Graduate Civil Engineer with at least one year experience; and
  - (b) Civil Site Engineer with at least three years' experience.
- .8 The Construction Verifier must identify appropriate positions in the Project Organisation Chart for the Principal's personnel. The Construction Verifier is also responsible for ensuring maximum opportunities are provided to these personnel, so they can make important contributions to the project and gain technical experience and skills in the process. These personnel will directly report to the Construction Verifier.
- .9 All Principal's staff seconded to the Construction Verifier will be paid for by the Principal for 45 hours per week. Any hours required in addition to this must be agreed with the Principal's Representative prior to the additional hours being incurred and the Principal's Representative will only approve the working of additional hours in exceptional circumstances.
- .10 Where the Principal provides staff a deduction to payment will be made via a Variation for the equivalent person that the Construction Verifier no longer requires.
- .11 Computers and cars must be provided to the Principal's staff by the Construction Verifier.

**5. CONSTRUCTION VERIFICATION COORDINATION**

- .1 Unless agreed otherwise with the Principal's Authorised Person, the Construction Verifier must attend all workshops, site meetings, coordination meetings and the like that are conducted for the D&C Contract.

**6. CONSTRUCTION VERIFICATION AND SURVEILLANCE PLAN**

- .1 The Construction Verifier must develop and implement a Construction Verification and Surveillance Plan, which describes the management and integration activities undertaken by the Construction Verifier. At a minimum, it must include:
  - (a) the management team structures, positions, nominated personnel and subcontractors to be engaged on and off the Site and the roles and tasks of the nominated personnel and subcontractors;
  - (b) the minimum skill, expertise and experience levels of each position and details of personnel resource levels;
  - (c) the Construction Verifier's internal and external lines of authority, communication and reporting, including those with the Principal and the Contractor;
  - (d) the locations of the Construction Verifier's personnel and how they will interface with the D&C Contractor's and the Principal's personnel.
  - (e) the identification of delegated authorities of the Construction Verifier's personnel, including identification of personnel with delegated authority to execute certificates on behalf of the Construction Verifier;
  - (f) all compliance records to be maintained, in the form of a schedule;
  - (g) the proposed timing of progressive verification for the performance of discrete elements of the Services, including the timing for conducting audits of Project Plans and other aspects of the Work under the Contract;
  - (h) procedure for managing outcomes of the construction Surveillance and Audits including:
    - (i) methodology of recording activities;
    - (j) a schedule which identifies all Hold Points to be released;
    - (k) procedure for managing and release of Hold Points for the Works under the D&C Contract;
    - (l) identification and management of non-conformances;
    - (m) documentation and records to be provided; and
    - (n) coordination and integration of the different construction activities;
  - (o) the Construction Verifier's comprehensive plans for:
    - (p) continual observation, surveillance, monitoring, auditing, reviewing, assessment and testing of the D&C Contractor's compliance with the D&C Contract;
    - (q) continual observation, surveillance, monitoring, auditing, reviewing, assessment and testing of the quality and durability of the Works and the temporary works to determine, verify and ensure the D&C Contractor's compliance with the requirements of the D&C Contract;

- (r) audit and surveillance, including identification of resources, methodology, scope, levels / frequency of surveillance, inspection, testing and survey; and
  - (s) off-site surveillance of critical activities, including precasting yards, concrete production plants and steel fabrication;
  - (t) the Construction Verifier 's strategies, processes, methodologies and procedures for:
  - (u) reviewing and assessing the Project Plans;
  - (v) addressing environmental monitoring and protection;
  - (w) audit, surveillance and monitoring of the Contractor's design and construction activities, including the processes used for determining the levels and scope of surveillance of the Contractor's design and construction activities, including in relation to occupational health and safety;
  - (x) identifying and managing the Construction Verifier 's work to be subcontracted, including quality, reporting and communication aspects of the work;
  - (y) the Construction Verifier's strategies, systems, procedures, processes, methodologies and reporting protocols to be applied to achieve and satisfy the following requirements:
  - (z) verification of the quality and quantum of work the subject of Payment Claims made by the D&C Contractor;
  - (aa) verification of the D&C Contractor's processes for ongoing checking of testing, calibration and parallel testing to check compliance and test error;
  - (bb) verification of the D&C Contractor's interface issues between processes and elements and Project Plans;
  - (cc) verification of the D&C Contractor's processes for the control of subcontractors;
  - (dd) verification of the D&C Contractor's processes for environmental monitoring and protection;
  - (ee) verification of the D&C Contractor's processes to address safety in design issues;
  - (ff) verification of the D&C Contractor's processes to ensure that durability is incorporated into all aspects of the design and construction of the Works;
  - (gg) verification of the D&C Contractor's processes to address constructability issues; and
  - (hh) verification of the rectification by the D&C Contractor of non-conformities.
- .2 The Construction Verification and Surveillance Plan is a Controlled Document. Approval of this plan is a condition precedent to commencement of the construction review. Partial approval of the plan is acceptable to enable the Services to commence.

## **7. SURVEILLANCE OF CONSTRUCTION ACTIVITIES**

- .1 The Construction Verifier must undertake sufficient Surveillance to verify that the D&C Contractor's construction activities comply with the D&C Contract. This includes on-going Surveillance of the activities carried out pursuant to the following parts of the parts of the DPTI Master Specification when applicable to the D&C Contract (or an equivalent specification prepared by the D&C Contractor):
- .2 Division G: General:
- (a) Part G20 Quality System Requirements
  - (b) Part G30 Work Health and Safety
  - (c) Part G50 Environmental Management Systems
- .3 Safety is a major consideration of the Principal and the Construction Verifier must inform the D&C Contractor of all safety concerns immediately.
- .4 Division CH: Construction and Handover:
- (a) Part CH20 Provision for Traffic
  - (b) Part CH30 Survey
  - (c) Part CH50 Environmental Protection Issues
- .5 Division R: Roadworks:
- (a) Part R04 Installation of Drainage
  - (b) Part R05 Kerbing
  - (c) Part R06 Boring
  - (d) Part R07 Trench Excavation and Backfill
  - (e) Part R08 Pavement Reinstatement

- (f) Part R09 Controlled Low Strength Material
- (g) Part R10 Earthworks
- (h) Part R15 Pavement Materials
- (i) Part R20 Pavement
- (j) Part R21 Unstabilised Granular Pavement
- (k) Part R22 Plant Mixed Stabilised Pavement
- (l) Part R23 Insitu Stabilisation
- (m) Part R24 Foam Bitumen Stabilised Pavement
- (n) Part R25 Supply of Bituminous Materials
- (o) Part R26 Application of Sprayed Bituminous Surfacing
- (p) Part R27 Supply of Asphalt
- (q) Part R28 Construction of Asphalt Pavements
- (r) Part R29 Slurry Surfacing
- (s) Part R30 Cold Planing
- (t) Part R31 Cape Seals
- (u) Part R32 Thin Asphalt Surfacing
- (v) Part R33 Design of Spray Seals
- (w) Part R34 Surface Characteristics - Spray Seals
- (x) Part R35 Surface Characteristics - Roughness
- (y) Part R36 Shoulder Construction
- (z) Part R37 Supply of Pavement Crack Sealant
- (aa) Part R38 Application of Pavement Crack Sealant
- (bb) Part R39 Texture Restoration of Sealed Roads
- (cc) Part R40 Supply of Cold Mix Asphalt
- (dd) Part R42 Steel Beam Safety Barrier
- (ee) Part R43 Wire Rope Safety Barrier
- (ff) Part R44 Concrete Safety Barrier
- (gg) Part R45 Supply of Materials for Pavement Marking
- (hh) Part R46 Application of Pavement Marking
- (ii) Part R47 Supply and Application of Audio Tactile Line Marking
- (jj) Part R48 Supply of Signs
- (kk) Part R49 Installation of Signs
- (ll) Part R50 Supply of Lighting Components
- (mm) Part R51 Supply of Luminaires
- (nn) Part R52 Installation of Lighting
- (oo) Part R53 Conduits and Pits
- (pp) Part R54 Supply of LED Lanterns
- (qq) Part R55 Traffic Signals
- (rr) Part R56 Installation of Safety Cameras
- (ss) Part R58 Consumer mains Electrical Power Distribution
- (tt) Part R60 General Requirements for the Supply of ITS Equipment
- (uu) Part R61 ITS Equipment Installation
- (vv) Part R62 Mains Power for traffic Management Equipment
- (ww) Part R63 Telecommunications Network
- (xx) Part R64 Switchboards
- (yy) Part R65 ITS Enclosures
- (zz) Part R66 Variable Message Signs
- (aaa) Part R67 Imaging Equipment
- (bbb) Part R68 Field Processors
- (ccc) Part R69 Vehicle Detector Systems
- (ddd) Part R70 Telecommunications Cabling
- (eee) Part R71 Help Phones
- (fff) Part R80 Supply of Guide Posts and Delineators
- (ggg) Part R81 Installation of Guide Posts and Delineators

(hhh) Part R82 Gabions Reno Mattresses & Mesh Panels

(iii) Part R83 Shared Paths

(jjj) Part R84 Secondary Paving

(kkk) Part R85 Geotextiles

(lll) Part R86 Fencing

.6 Division CC: Concrete:

(a) Part CC05 Steel Reinforcement

(b) Part CC10 Formwork

(c) Part CC20 Supply of Concrete

(d) Part CC25 Placement of Concrete

(e) Part CC26 Normal Class Concrete

(f) Part CC27 Geopolymer Concrete

(g) Part CC30 Precast Concrete Units

(h) Part CC35 Low pressure Steam Curing of Precast Units

(i) Part CC36 Heat Accelerated Curing

(j) Part CC40 Sprayed Concrete Work

.7 Division S: Structures:

(a) Part S10 Earthworks for Structures

(b) Part S15 Driven Piles

(c) Part S16 Cast In Place Concrete Piles

(d) Part S17 Continuous Flight Auger Piles

(e) Part S20 Reinforced Soil Structures

(f) Part S22 Soil Nailing

(g) Part S24 Pre-tensioned Concrete

(h) Part S25 Post-tensioned Concrete

(i) Part S26 Transport & Erection of Structural Members

(j) Part S28 Fibre Reinforced Polymer Composite Strengthening of Concrete Structures

(k) Part S30 Fabrication of Structural Steelwork

(l) Part S35 Protective Treatment of Structural Steelwork

(m) Part S36 Protective Treatment Previously Coated

(n) Part S37 Galvanizing

(o) Part S40 Bearings

(p) Part S45 Deck Expansion Joints

(q) Part S55 Bridgeworks Sundries

.8 Division L: Landscaping:

(a) Part L01 Landscape General

(b) Part L02 Earthworks and Topsoiling

(c) Part L03 Erosion Control Matting

(d) Part L05 Supply of Plant Material

(e) Part L10 Planting

(f) Part L15 Lawn Establishment

(g) Part L18 Palm Transplanting and Relocating

(h) Part L19 Tree Transplanting and Relocating

(i) Part L20 Hydroseeding

(j) Part L21 Direct Seeding

(k) Part L23 Plant Rescue and Maintenance

(l) Part L25 Irrigation

(m) Part L27 Water Sensitive Urban Design

(n) Part L30 Tree Hollow Relocation

(o) Part L40 Tree Pruning and Removal

(p) Part L45 Bushcare

- (q) Part L48 Herbaceous and Woody Weed Control
- (r) Part L50 Permeable Paving
- (s) Part L60 Maintenance of Plants
- (t) Part L65 Maintenance of Hydroseeded and Direct Seeded Areas
- (u) Part L70 Maintenance of Seeded Areas and Lawns
- (v) Part L80 Maintenance of Native Grasses

**8. RELEASE OF THE D&C CONTRACTOR’S HOLD POINTS**

- .1 The D&C Contract specifies Hold Points in the construction process. The responsibility for release of these Hold Points resides with the Principal’s Authorised Person.
- .2 The powers, duties, discretions and authorities vested in the Principal’s Authorised Person or Principal under the clauses listed in the CSTR and DPTI Master Specification may be delegated to the Construction Verifier via a delegation in accordance with the Contract by the Principal’s Authorised Person.
- .3 Where the D&C Contractor notifies the Construction Verifier that a Hold Point has been reached, the Construction Verifier must:
  - (a) undertake all necessary monitoring and observation in relation to the Hold Point;
  - (b) attend to the Hold Point release as soon as practicable and in any case within the time specified in the CSTR; and
  - (c) examine all relevant information and documentation regarding the Hold Point.
  - (d) Where the Hold Point release is delegated to the Construction Verifier, the Construction Verifier must either:
    - (e) release the Hold Point; or
    - (f) advise the D&C Contractor why the Hold Point cannot be released, and what is required to enable the Hold Point to be released.
- .4 Where the Hold Point release is not delegated to the Construction Verifier and is to be released by the Principal’s Authorised Person; the Construction Verifier must provide a written recommendation to the Principal’s Authorised Person as soon as practicable (and in sufficient time for the Principal’s Authorised Person to review the recommendation and comply with the D&C Contract) regarding the release of the Hold Point. The Principal’s Authorised Person will be relying upon the advice and expertise of the Construction Verifier in making a determination whether to release a Hold Point.

**9. AUDIT OF D&C CONTRACTOR’S ACTIVITIES**

- .1 The Construction Verifier must undertake Audits of the works in accordance with the construction Audit plan and when directed by the Principal’s Authorised Person. Environmental Audits must be in accordance with DPTI environmental auditing guidelines and undertaken on a quarterly basis.
- .2 Audits must be at regular intervals and must include the following audits:

• Audit	• Audit Frequency
(a) Work Health & Safety plans and documentation	• Quarterly
(b) Quality assurance management and documentation	• Quarterly
(c) Contractor’s program	• Monthly
(d) Environmental Management Audits	• Quarterly
(e) Sustainability audits of the Contractor’s Infrastructure Sustainability Rating Tool	• Quarterly
(f) Workforce participation reporting	• Half yearly
(g) Traffic management records for day to day workzone traffic management	• Weekly
(h) Off-site construction activities: <ul style="list-style-type: none"> <li>i) concrete plants</li> <li>ii) pre cast concrete facilities;</li> <li>iii) asphalt plant(s).</li> </ul>	<ul style="list-style-type: none"> <li>•</li> <li>• First audit within two weeks of activities commencing and quarterly thereafter.</li> </ul>

- .3 An audit summary is to be provided to the Principal's Authorised Person and the D&C Contractor within 24 hours of the audit concluding. All major Non-Conformances shall be brought to the attention of the Principal's Authorised Person and D&C Contractor immediately.
- .4 Audit reports must be provided to the Principal's Authorised Person and the D&C Contractor within 5 business days of the audit.

#### **10. STATUTORY REQUIREMENTS**

- .1 The Construction Verifier must undertake a review of the D&C Contractor's Workforce Participation Plan and procedures to report on actual participation achieved, including:
  - (a) methodology to identify of people with barriers to employment and up-skilling;
  - (b) tools and Methodology to report on hours and targets; and
  - (c) integrating head contractor and subcontractor Workforce Participation.

#### **11. ASSESSMENT OF D&C CONTRACTOR'S PAYMENT CLAIMS**

- .1 The Construction Verifier shall:
  - (a) meet with the Principal's Authorised Person and D&C Contractor at the end of each month;
  - (b) review and agree (where possible) the proposed payment claim to be submitted;
  - (c) following submission of the D&C Contractor's payment claim the Principal's Authorised Person, review the payment claim;
  - (d) complete the review within five business days of receipt of the payment claim; and
  - (e) advise the Principal of any items claimed by the D&C Contractor which the Construction Verifier reasonably considers that the D&C Contractor is not entitled to payment.

#### **12. D&C CONTRACTOR'S RECORDS**

- .1 The D&C Contract specifies the Records that the D&C Contractor must provide to demonstrate conformance with the construction requirements of the D&C Contract. The Construction Verifier shall:
  - (a) review (and summarise if appropriate) the Records provided;
  - (b) provide advice to the Principal's Authorised Person regarding the payment certificate; and
  - (c) provide advice to the Principal's Authorised Person regarding the acceptance or non-acceptance of the D&C Contractor's disposition for any non-conforming work.

#### **13. CONTROL OF D&C CONTRACTOR'S NON-CONFORMANCE**

- .1 The D&C Contractor is required to provide notification to the Construction Verifier and Principal's Authorised Person of any Non-conformance by the issue of a Non-Conformance Report (NCR).
- .2 In the event of a Non-conformance related to the Specification or the D&C Contractor's Quality Plan being observed by the Construction Verifier or the Principal's Authorised Person and the D&C Contractor does not take appropriate action when informed of the Non-conformance, a Corrective Action Request (CAR) must be issued to the D&C Contractor by the Construction Verifier. .
- .3 The Construction Verifier must review the D&C Contractor's proposed disposition to rectify Non-Conformances and recommend to the Principal's Authorised Person of the suitability or otherwise of the D&C Contractor's proposed disposition.
- .4 The Principal's Authorised Person will approve or otherwise the D&C Contractor's proposed disposition. The Construction Verifier will release of any subsequent Hold Points related to the Non-conformance.
- .5 Following completion of the disposition the D&C Contractor must re-submit the Non-Conformance Report, together with any necessary supporting evidence for review and approval by the Construction Verifier.

#### **14. REPORTING**

- .1 All advice and comments provided by the Construction Verifier to the Principal's Authorised Person, Principal or D&C Contractor must be in writing.



- .2 The Construction Verifier must prepare comprehensive written reports of the surveillance and auditing until 8 weeks after the Date of Completion. The reports must be provided at least monthly and copies of the reports must be provided to the Principal and the D&C Contractor.
- .3 The Construction Verifier must provide a monthly progress report (one hard copy plus simultaneous provision of an electronic copy) to each of the Principal's Authorised Person and the D&C Contractor by the seventh day of the following month and in such format as is required by the Principal's Authorised Person, containing, identifying or setting out:
  - (a) An Executive Summary (limited to two pages);
  - (b) a description of the verification activities undertaken during the reporting period;
  - (c) a list or schedule of design and construction surveillance, monitoring and audits undertaken by the Construction Verifier during the reporting period;
  - (d) a summary of key risks and issues relating to the Services;
  - (e) the Construction Verifier's current and planned resources and staffing levels;
  - (f) details of any D&C Contractor discrepancies and non-conformities raised by the Construction Verifier or the Principal and details on the verification of the rectification by the Contractor of non-conformities;
  - (g) any discrepancies with the D&C Contractor's quality assurance system and documents including the assessment of their completeness and accuracy;
  - (h) document the status and nature of responses to any non-conformances by and corrective action requests to the D&C Contractor;
  - (i) identify any discrepancies or non-conformances identified during Environmental Inspections, Surveillance and Auditing of construction activities including compliance with all conditions of environmental licences/permits, environmental management plan and any statutory requirements;
  - (j) identify any discrepancies with the D&C Contractor's As-Constructed Documents including the assessment of their completeness and accuracy; and
  - (k) identify any discrepancies with the D&C Contractor's maintenance manuals including the assessment of their completeness and accuracy;
  - (l) details of the surveillance, monitoring and auditing proposed to be undertaken by the Construction Verifier in the forthcoming reporting period, including the outcomes of the risk management processes used to determine the levels and scope of the surveillance activities;
  - (m) details of the current version of the Verification and Surveillance Plan and a summary of any amendments, updates and developments to the Verification and Surveillance Plan during the reporting period; and
  - (n) any act, matter or thing which has or is likely to have a material adverse effect on the progress and provision of the Services, together with detailed particulars on how the Construction Verifier is dealing or proposes to deal with any such act, matter or thing.

## **15. REVIEW OF AS-CONSTRUCTED DOCUMENTATION**

- .1 The Construction Verifier must progressively review the D&C Contractor's As-Constructed Documents to assess and advise the Principal's Authorised Person on their accuracy and completeness including:
  - (a) construction Records including marked up Documents;
  - (b) as-constructed Documents;
  - (c) any supplied geometric or GIS models of as-built structures and underground services;
  - (d) commissioning Records;
  - (e) maintenance manuals and documentation;
  - (f) completed quality assurance documentation;
  - (g) completed environmental management documents; and
  - (h) ongoing performance monitoring procedures.

## **16. CONSTRUCTION VERIFICATION CERTIFICATE**

- .1 For each "package" of completed work submitted by the D&C Contractor, the Construction Verifier must provide a signed Construction Verification Certificate, as detailed in Attachment P96A "Construction Verification Certificate". The certificate must be signed as "Construction Verifier's Representative" and submitted to the Principal's Authorised Person.

**17. CONSTRUCTION VERIFIER'S REPRESENTATIVES**

<b>Position</b>	<b>QUALIFICATIONS</b>	<b>MINIMUM EXPERIENCE REQUIRED</b>
Construction Verifier's Representative	CPEng, NER	10 years on similar projects.
Lead Construction Verifier (geotechnical -piling, foundations, earthworks)	Professional Engineer	10 years on similar projects.
Lead Construction Verifier (landscape)	Registered Landscape Architect	10 years on similar projects in a similar role
Lead Construction Verifier (structural - bridge construction, drainage structures)	Professional Engineer	10 years on similar projects in a similar role
Lead Construction Verifier (Pavements)	Professional Engineer	10 years on similar projects in a similar role
Lead Construction Verifier (ITS)	Professional Engineer	10 years on similar projects in a similar role
Lead Construction Verifier (Environmental Management)	Environmental Management Degree	10 years with environmental regulatory requirements.
Environmental Auditor	Accredited Lead Environmental Auditor	10 years on similar projects in a similar role
Lead Construction Verifier (Work Health Safety Management)	Certificate IV Occupational Health and Safety	10 years on similar projects in a similar role
Work Health Safety Auditor	Accredited Work Health Safety Auditor	10 years on similar projects in a similar role.

**18. HOLD POINTS**

.1 The following is a summary of Hold Points referenced in this Part:

<b>CLAUSE REF.</b>	<b>HOLD POINT</b>	<b>RESPONSE TIME</b>
0	Construction Verifier	

**19. ATTACHMENT P96A CONSTRUCTION VERIFICATION CERTIFICATE**

Contract:

Certificate Number: .....

Design Package (s): .....

The Construction Verifier has completed a comprehensive review of the adequacy of the D&C Contractor's work under the D&C Contract and certifies that it complies with the Design Documents and Specification:

Work under the D&C Contract:

.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....

Conditions of Certification:\*

.....  
.....

*\* note: written approval from the Principal's Authorised Person of any conditions to certification must be submitted with the Certificate*

**Construction Verifier's Representative**

Signed Chartered Professional Engineer .....

Name: .....

Position: .....

Date: .....