



Fédération Internationale des Ingénieurs-Conseils
International Federation of Consulting Engineers
Internationale Vereinigung Beratender Ingenieure
Federación Internacional de Ingenieros Consultores

Conditions of Contract for Construction

GENERAL CONDITIONS
GUIDANCE FOR THE PREPARATION
OF PARTICULAR CONDITIONS AND ANNEXES:
FORMS OF SECURITIES
FORMS OF LETTER OF TENDER, LETTER OF
ACCEPTANCE, CONTRACT AGREEMENT AND DISPUTE
ADJUDICATION/AVOIDANCE AGREEMENT



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SECOND EDITION 2017

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FIDIC[®] Conditions of Contract for **CONSTRUCTION**

FOR BUILDING AND ENGINEERING WORKS
DESIGNED BY THE EMPLOYER

Second Edition 2017
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FEDERATION INTERNATIONALE DES INGENIEURS-CONSEILS
INTERNATIONAL FEDERATION OF CONSULTING ENGINEERS
INTERNATIONALE VEREINIGUNG BERATENDER INGENIEURE
FEDERACION INTERNACIONAL DE INGENIEROS CONSULTORES



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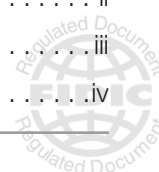
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The ultimate decision on the form and content of the document rests with FIDIC.



NOTES

This Second Edition of the Conditions of Contract for Construction has been published by the Fédération Internationale des Ingénieurs-Conseils (FIDIC) as an update of the FIDIC 1999 Conditions of Contract for Construction (Red Book), First Edition.

Along with the FIDIC 1999 Yellow Book (the Conditions of Contract for Plant and Design-Build) and the FIDIC 1999 Silver Book (the Conditions of Contract for EPC/ Turnkey Projects), the FIDIC 1999 Red Book has been in widespread use for nearly two decades. In particular, it has been recognised for, among other things, its principles of balanced risk sharing between the Employer and the Contractor in projects where the Contractor constructs the works in accordance with a design provided by the Employer. However, the works may include some elements of Contractor-designed civil, mechanical, electrical and/or construction works.

This Second Edition of the FIDIC Red Book continues FIDIC's fundamental principles of balanced risk sharing while seeking to build on the substantial experience gained from its use over the past 18 years. For example, this edition provides:

- 1) greater detail and clarity on the requirements for notices and other communications;
- 2) provisions to address Employers' and Contractors' claims treated equally and separated from disputes;
- 3) mechanisms for dispute avoidance and
- 4) detailed provisions for quality management, and verification of Contractor's contractual compliance.

These Conditions of Contract for Construction include conditions, which are likely to apply to the majority of such contracts. Essential items of information which are particular to each individual contract are to be included in the Particular Conditions Part A – Contract Data.

In addition, it is recognised that many Employers, especially governmental agencies, may require special conditions of contract, or particular procedures, which differ from those included in the General Conditions. These should be included in Part B – Special Provisions.

It should be noted, that the General Conditions and the Particular Conditions (Part A – Contract Data and Part B – Special Provisions) are all part of the Conditions of Contract.

To assist Employers in preparing tender documents and in drafting Particular Conditions of Contract for specific contracts, this publication includes Notes on the Preparation of Tender Documents and Notes on the Preparation of Special Provisions, which provide important advice to drafters of contract documents, in particular the Specifications and Special Provisions. In drafting Special Provisions, if clauses in the General Conditions are to be replaced or supplemented and before incorporating any example wording, Employers are urged to seek legal and engineering advice in an effort to avoid ambiguity and to ensure completeness and consistency with the other provisions of the contract.



This publication begins with a series of comprehensive flow charts which typically show, in visual form, the sequences of activities which characterise the FIDIC Construction form of contract. The charts are illustrative, however, and must not be taken into consideration in the interpretation of the Conditions of Contract.

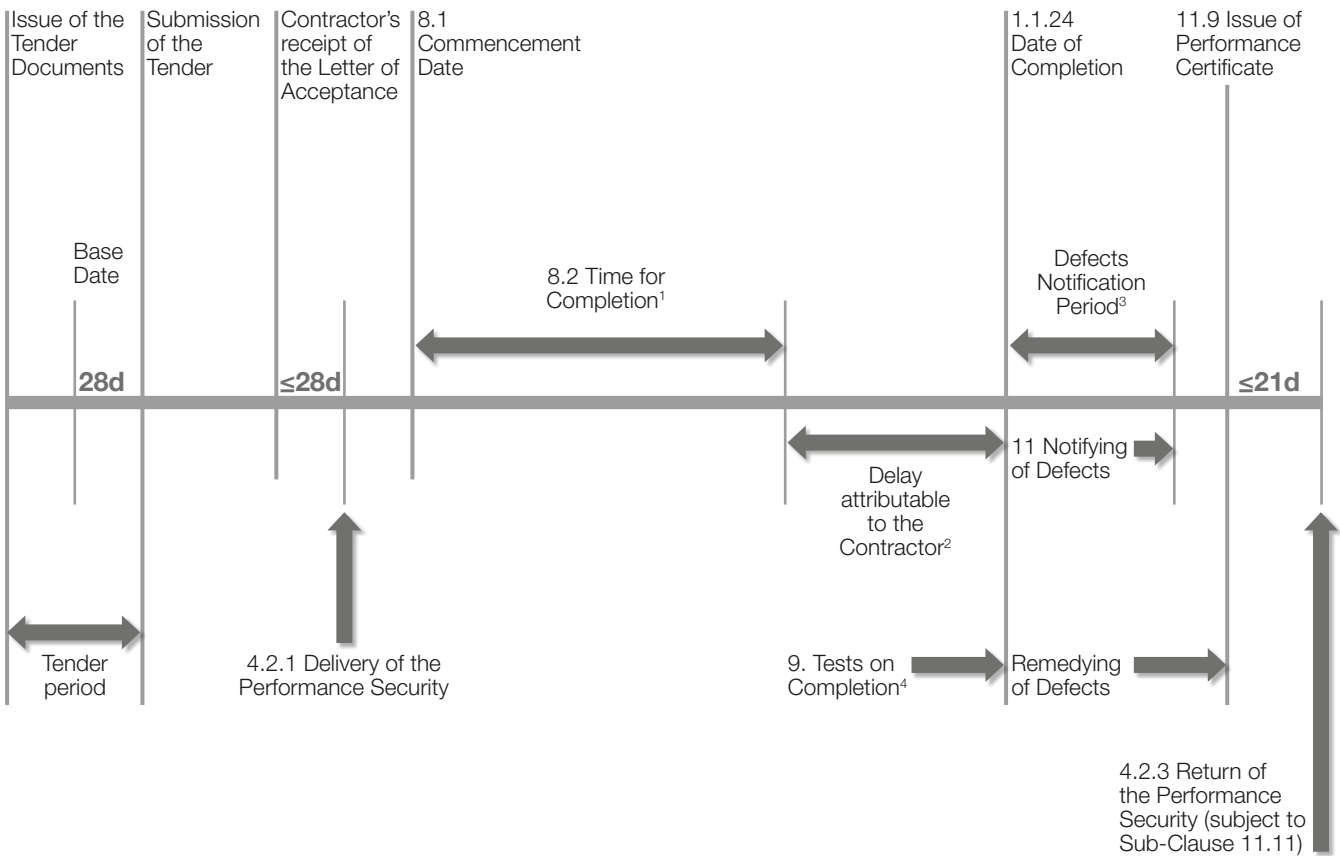
This publication also includes a number of sample forms to help both Parties to develop a common understanding of what is required by third parties such as providers of securities and guarantees.

Drafters of contract documents are reminded that the General Conditions of all FIDIC contracts are protected by copyright and trademark and may not be changed without specific written consent, usually in the form of a licence to amend, from FIDIC. If drafters wish to amend the provisions found in the General Conditions, the place for doing this is in the Particular Conditions Part B – Special Provisions, as mentioned above, and not by making changes in the General Conditions as published.

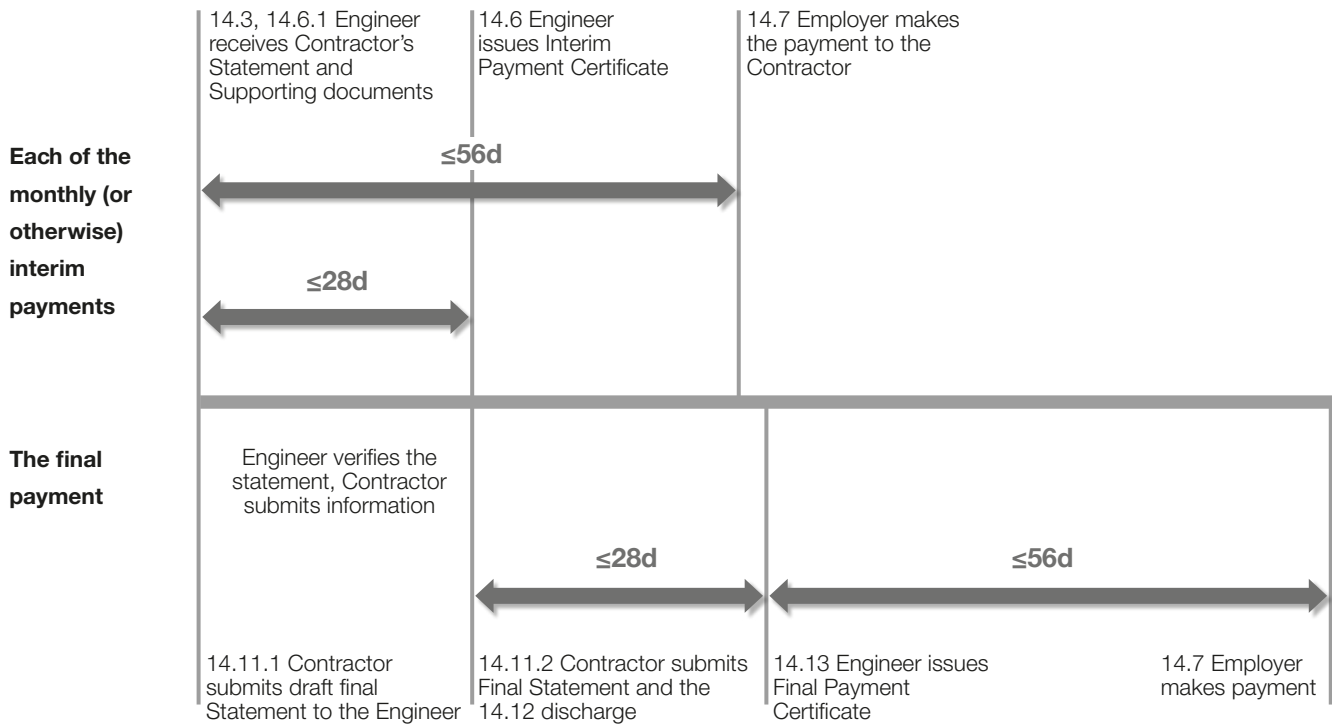
FIDIC considers the official and authentic texts to be the versions in the English language.

Typical Sequence of Principal Events During Contracts for Construction

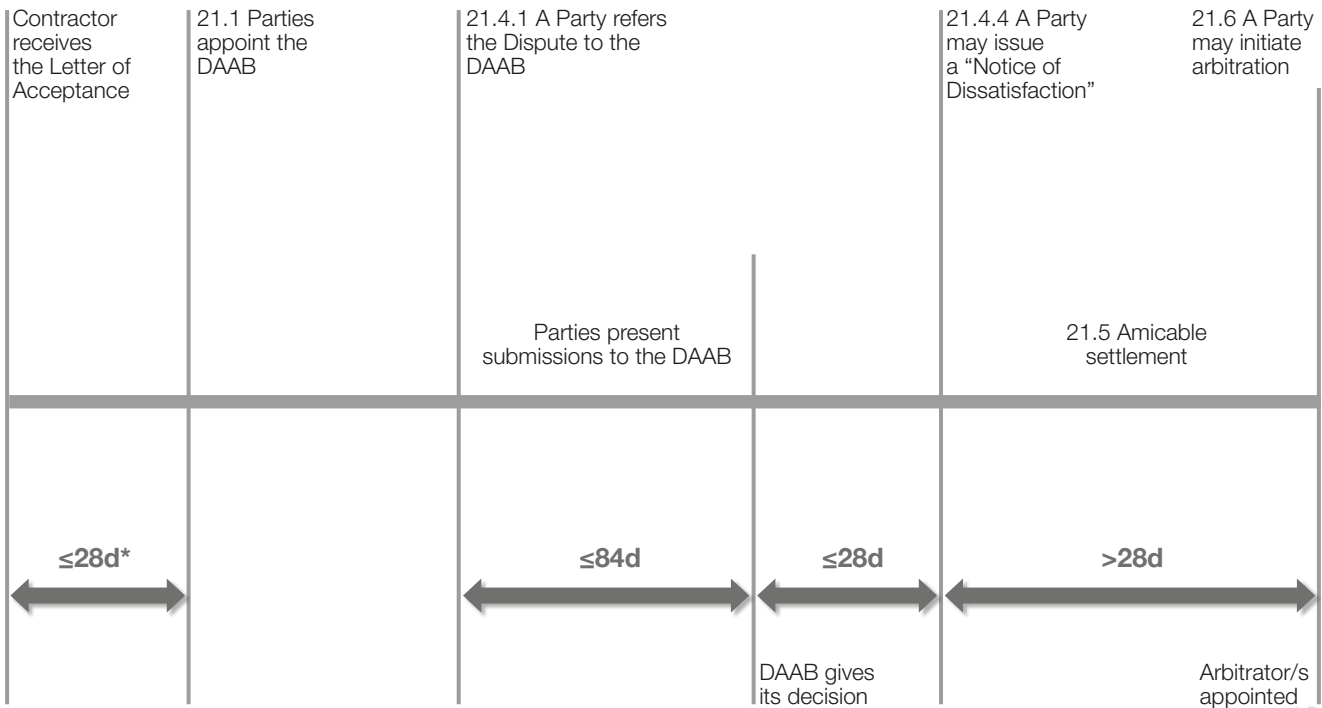
1. The Time for Completion is to be stated (in the Contract Data) as a number of days, to which is added any extensions of time under Sub-Clause 8.5.
2. In order to indicate the sequence of events, the above diagram is based upon the example of the Contractor failing to comply with Sub-Clause 8.2.
3. The Defects Notification Period is to be stated (in the Contract Data) as a number of days, to which is added any extensions under Sub-Clause 11.3.
4. Depending on the type of Works, Tests after Completion may also be required.



Typical Sequence of Payment Events Envisaged in Clause 14



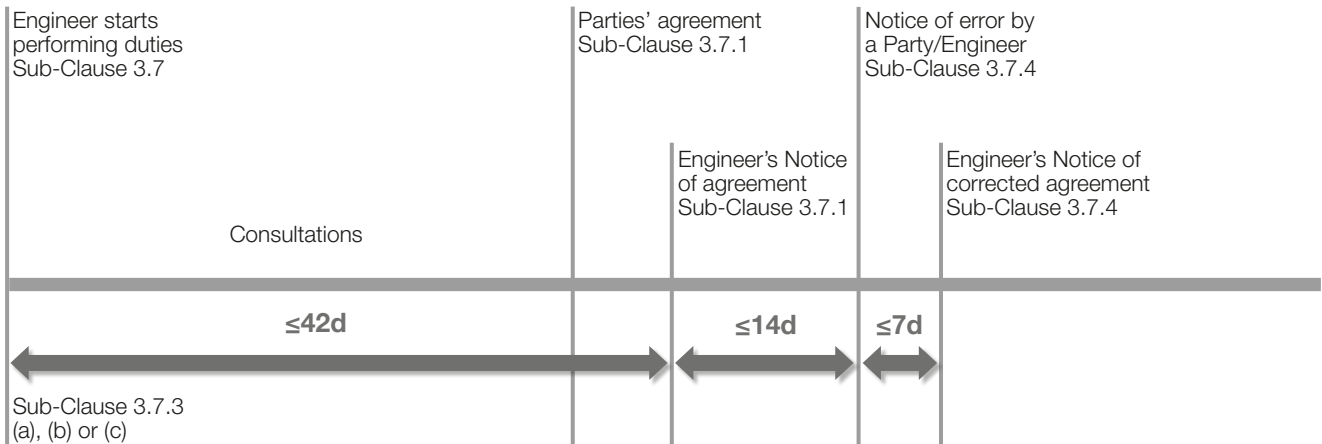
Typical Sequence of Dispute Events Envisaged in Clause 21



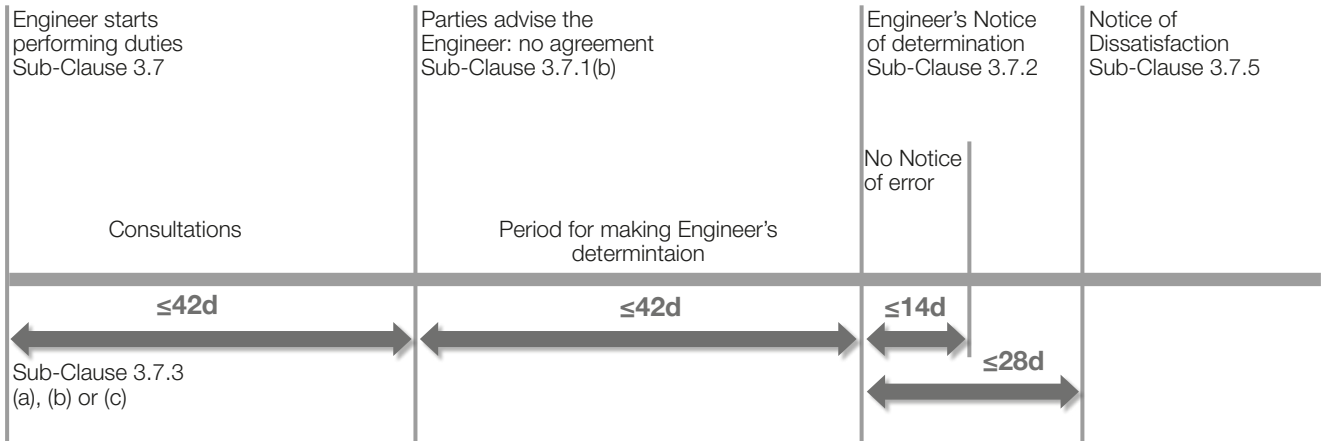
* If not stated otherwise in the Contract Data (Sub-Clause 21.1)

Typical Sequence of Events in Agreement or Determination under Sub-Clause 3.7

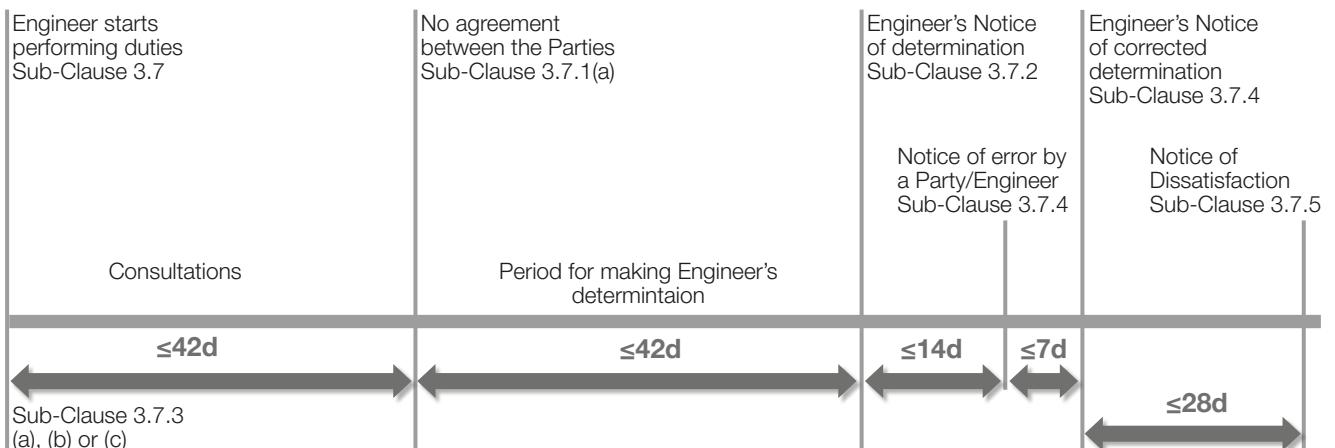
Scenario 1¹



Scenario 2²



Scenario 3³



1. Agreement is reached within 42 days, error found in the Engineer's Notice of agreement and corrected.
2. The Parties' early advice that agreement cannot be reached and so Engineer's determination is necessary, no error in Engineer's determination.
3. No agreement within 42 days, Engineer determines within 42 days, error found in the Engineer's determination and corrected.





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OF SECURITIES

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TENDER, LETTER OF
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DISPUTE ADJUDICATION/
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FIDIC[®] Conditions of Contract for **CONSTRUCTION**

FOR BUILDING AND ENGINEERING WORKS
DESIGNED BY THE EMPLOYER

General Conditions

FEDERATION INTERNATIONALE DES INGENIEURS-CONSEILS
INTERNATIONAL FEDERATION OF CONSULTING ENGINEERS
INTERNATIONALE VEREINIGUNG BERATENDER INGENIEURE
FEDERACION INTERNACIONAL DE INGENIEROS CONSULTORES



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APPENDIX 107

GENERAL CONDITIONS OF DISPUTE AVOIDANCE/ADJUDICATION
AGREEMENT

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General Conditions

1 General Provisions

1.1

Definitions

In the Contract the following words and expressions shall have the meanings stated, except where the context requires otherwise

- 1.1.1 “**Accepted Contract Amount**” means the amount accepted in the Letter of Acceptance for the execution of the Works in accordance with the Contract.
- 1.1.2 “**Advance Payment Certificate**” means a Payment Certificate issued by the Engineer for advance payment under Sub-Clause 14.2.2 [*Advance Payment Certificate*].
- 1.1.3 “**Advance Payment Guarantee**” means the guarantee under Sub-Clause 14.2.1 [*Advance Payment Guarantee*].
- 1.1.4 “**Base Date**” means the date 28 days before the latest date for submission of the Tender.
- 1.1.5 “**Bill of Quantities**” means the document entitled bill of quantities (if any) included in the Schedules.
- 1.1.6 “**Claim**” means a request or assertion by one Party to the other Party for an entitlement or relief under any Clause of these Conditions or otherwise in connection with, or arising out of, the Contract or the execution of the Works.
- 1.1.7 “**Commencement Date**” means the date as stated in the Engineer’s Notice issued under Sub-Clause 8.1 [*Commencement of Works*].
- 1.1.8 “**Compliance Verification System**” means the compliance verification system to be prepared and implemented by the Contractor for the Works in accordance with Sub-Clause 4.9.2 [*Compliance Verification System*].
- 1.1.9 “**Conditions of Contract**” or “**these Conditions**” means these General Conditions as amended by the Particular Conditions.
- 1.1.10 “**Contract**” means the Contract Agreement, the Letter of Acceptance, the Letter of Tender, any addenda referred to in the Contract Agreement, these Conditions, the Specification, the Drawings, the Schedules, the Contractor’s Proposal, the JV Undertaking (if applicable) and the further documents (if any) which are listed in the Contract Agreement or in the Letter of Acceptance.
- 1.1.11 “**Contract Agreement**” means the agreement entered into by both Parties in accordance with Sub-Clause 1.6 [*Contract Agreement*].
- 1.1.12 “**Contract Data**” means the pages, entitled contract data which constitute Part A of the Particular Conditions.
- 1.1.13 “**Contract Price**” means the price defined in Sub-Clause 14.1 [*The Contract Price*].



- 1.1.14 “**Contractor**” means the person(s) named as contractor in the Letter of Tender accepted by the Employer and the legal successors in title of such person(s).
- 1.1.15 “**Contractor’s Documents**” means the documents prepared by the Contractor as described in Sub-Clause 4.4 [*Contractor’s Documents*], including calculations, digital files, computer programs and other software, drawings, manuals, models, specifications and other documents of a technical nature.
- 1.1.16 “**Contractor’s Equipment**” means all apparatus, equipment, machinery, construction plant, vehicles and other items required by the Contractor for the execution of the Works. Contractor’s Equipment excludes Temporary Works, Plant, Materials and any other things intended to form or forming part of the Permanent Works.
- 1.1.17 “**Contractor’s Personnel**” means the Contractor’s Representative and all personnel whom the Contractor utilises on Site or other places where the Works are being carried out, including the staff, labour and other employees of the Contractor and of each Subcontractor; and any other personnel assisting the Contractor in the execution of the Works.
- 1.1.18 “**Contractor’s Representative**” means the natural person named by the Contractor in the Contract or appointed by the Contractor under Sub-Clause 4.3 [*Contractor’s Representative*], who acts on behalf of the Contractor.
- 1.1.19 “**Cost**” means all expenditure reasonably incurred (or to be incurred) by the Contractor in performing the Contract, whether on or off the Site, including taxes, overheads and similar charges, but does not include profit. Where the Contractor is entitled under a Sub-Clause of these Conditions to payment of Cost, it shall be added to the Contract Price.
- 1.1.20 “**Cost Plus Profit**” means Cost plus the applicable percentage for profit stated in the Contract Data (if not stated, five percent (5%)). Such percentage shall only be added to Cost, and Cost Plus Profit shall only be added to the Contract Price, where the Contractor is entitled under a Sub-Clause of these Conditions to payment of Cost Plus Profit.
- 1.1.21 “**Country**” means the country in which the Site (or most of it) is located, where the Permanent Works are to be executed.
- 1.1.22 “**DAAB**” or “**Dispute Avoidance/Adjudication Board**” means the sole member or three members (as the case may be) so named in the Contract, or appointed under Sub-Clause 21.1 [*Constitution of the DAAB*] or Sub-Clause 21.2 [*Failure to Appoint DAAB Member(s)*].
- 1.1.23 “**DAAB Agreement**” means the agreement signed or deemed to have been signed by both Parties and the sole member or each of the three members (as the case may be) of the DAAB in accordance with Sub-Clause 21.1 [*Constitution of the DAAB*] or Sub-Clause 21.2 [*Failure to Appoint DAAB Member(s)*], incorporating by reference the General Conditions of Dispute Avoidance/Adjudication Agreement contained in the Appendix to these General Conditions with such amendments as are agreed.
- 1.1.24 “**Date of Completion**” means the date stated in the Taking-Over Certificate issued by the Engineer; or, if the last paragraph of Sub-Clause 10.1 [*Taking Over the Works and Sections*] applies, the date on which the Works or Section are deemed to have been completed in accordance with the Contract; or, if

Sub-Clause 10.2 [*Taking Over Parts*] or Sub-Clause 10.3 [*Interference with Tests on Completion*] applies, the date on which the Works or Section or Part are deemed to have been taken over by the Employer.

- 1.1.25 “**day**” means a calendar day.
- 1.1.26 “**Daywork Schedule**” means the document entitled daywork schedule (if any) included in the Contract, showing the amounts and manner of payments to be made to the Contractor for labour, materials and equipment used for daywork under Sub-Clause 13.5 [*Daywork*].
- 1.1.27 “**Defects Notification Period**” or “**DNP**” means the period for notifying defects and/or damage in the Works or a Section or a Part (as the case may be) under Sub-Clause 11.1 [*Completion of Outstanding Work and Remedying Defects*], as stated in the Contract Data (if not stated, one year), and as may be extended under Sub-Clause 11.3 [*Extension of Defects Notification Period*]. This period is calculated from the Date of Completion of the Works or Section or Part.
- 1.1.28 “**Delay Damages**” means the damages for which the Contractor shall be liable under Sub-Clause 8.8 [*Delay Damages*] for failure to comply with Sub-Clause 8.2 [*Time for Completion*].
- 1.1.29 “**Dispute**” means any situation where:
- (a) one Party makes a claim against the other Party (which may be a Claim, as defined in these Conditions, or a matter to be determined by the Engineer under these Conditions, or otherwise);
 - (b) the other Party (or the Engineer under Sub-Clause 3.7.2 [*Engineer’s Determination*]) rejects the claim in whole or in part; and
 - (c) the first Party does not acquiesce (by giving a NOD under Sub-Clause 3.7.5 [*Dissatisfaction with Engineer’s determination*] or otherwise),
- provided however that a failure by the other Party (or the Engineer) to oppose or respond to the claim, in whole or in part, may constitute a rejection if, in the circumstances, the DAAB or the arbitrator(s), as the case may be, deem it reasonable for it to do so.
- 1.1.30 “**Drawings**” means the drawings of the Works included in the Contract, and any additional and modified drawings issued by (or on behalf of) the Employer in accordance with the Contract.
- 1.1.31 “**Employer**” means the person named as the employer in the Contract Data and the legal successors in title to this person.
- 1.1.32 “**Employer’s Equipment**” means the apparatus, equipment, machinery, construction plant and/or vehicles (if any) to be made available by the Employer for the use of the Contractor under Sub-Clause 2.6 [*Employer-Supplied Materials and Employer’s Equipment*]; but does not include Plant which has not been taken over under Clause 10 [*Employer’s Taking Over*].
- 1.1.33 “**Employer’s Personnel**” means the Engineer, the Engineer’s Representative (if appointed), the assistants described in Sub-Clause 3.4 [*Delegation by the Engineer*] and all other staff, labour and other employees of the Engineer and of the Employer engaged in fulfilling the Employer’s obligations under the Contract; and any other personnel identified as Employer’s Personnel, by a Notice from the Employer or the Engineer to the Contractor.

- 1.1.34 “**Employer-Supplied Materials**” means the materials (if any) to be supplied by the Employer to the Contractor under Sub-Clause 2.6 [*Employer-Supplied Materials and Employer’s Equipment*].
- 1.1.35 “**Engineer**” means the person named in the Contract Data appointed by the Employer to act as the Engineer for the purposes of the Contract, or any replacement appointed under Sub-Clause 3.6 [*Replacement of the Engineer*].
- 1.1.36 “**Engineer’s Representative**” means the natural person who may be appointed by the Engineer under Sub-Clause 3.3 [*Engineer’s Representative*].
- 1.1.37 “**Exceptional Event**” means an event or circumstance as defined in Sub-Clause 18.1 [*Exceptional Events*].
- 1.1.38 “**Extension of Time**” or “**EOT**” means an extension of the Time for Completion under Sub-Clause 8.5 [*Extension of Time for Completion*].
- 1.1.39 “**FIDIC**” means the Fédération Internationale des Ingénieurs-Conseils, the International Federation of Consulting Engineers.
- 1.1.40 “**Final Payment Certificate**” or “**FPC**” means the payment certificate issued by the Engineer under Sub-Clause 14.13 [*Issue of FPC*].
- 1.1.41 “**Final Statement**” means the Statement defined in Sub-Clause 14.11.2 [*Agreed Final Statement*].
- 1.1.42 “**Foreign Currency**” means a currency in which part (or all) of the Contract Price is payable, but not the Local Currency.
- 1.1.43 “**General Conditions**” means this document entitled “Conditions of Contract for Construction for Building and Engineering Works designed by the Employer”, as published by FIDIC.
- 1.1.44 “**Goods**” means Contractor’s Equipment, Materials, Plant and Temporary Works, or any of them as appropriate.
- 1.1.45 “**Interim Payment Certificate**” or “**IPC**” means a Payment Certificate issued by the Engineer for an interim payment under Sub-Clause 14.6 [*Issue of IPC*].
- 1.1.46 “**Joint Venture**” or “**JV**” means a joint venture, association, consortium or other unincorporated grouping of two or more persons, whether in the form of a partnership or otherwise.
- 1.1.47 “**JV Undertaking**” means the letter provided to the Employer as part of the Tender setting out the legal undertaking between the two or more persons constituting the Contractor as a JV. This letter shall be signed by all the persons who are members of the JV, shall be addressed to the Employer and shall include:
- (a) each such member’s undertaking to be jointly and severally liable to the Employer for the performance of the Contractor’s obligations under the Contract;
 - (b) identification and authorisation of the leader of the JV; and
 - (c) identification of the separate scope or part of the Works (if any) to be carried out by each member of the JV.

- 1.1.48 “**Key Personnel**” means the positions (if any) of the Contractor’s Personnel, other than the Contractor’s Representative, that are stated in the Specification.
- 1.1.49 “**Laws**” means all national (or state or provincial) legislation, statutes, acts, decrees, rules, ordinances, orders, treaties, international law and other laws, and regulations and by-laws of any legally constituted public authority.
- 1.1.50 “**Letter of Acceptance**” means the letter of formal acceptance, signed by the Employer, of the Letter of Tender, including any annexed memoranda comprising agreements between and signed by both Parties. If there is no such letter of acceptance, the expression “Letter of Acceptance” means the Contract Agreement and the date of issuing or receiving the Letter of Acceptance means the date of signing the Contract Agreement.
- 1.1.51 “**Letter of Tender**” means the letter of tender, signed by the Contractor, stating the Contractor’s offer to the Employer for the execution of the Works.
- 1.1.52 “**Local Currency**” means the currency of the Country.
- 1.1.53 “**Materials**” means things of all kinds (other than Plant), whether on the Site or otherwise allocated to the Contract and intended to form or forming part of the Permanent Works, including the supply-only materials (if any) to be supplied by the Contractor under the Contract.
- 1.1.54 “**month**” is a calendar month (according to the Gregorian calendar).
- 1.1.55 “**No-objection**” means that the Engineer has no objection to the Contractor’s Documents, or other documents submitted by the Contractor under these Conditions, and such Contractor’s Documents or other documents may be used for the Works.
- 1.1.56 “**Notice**” means a written communication identified as a Notice and issued in accordance with Sub-Clause 1.3 [*Notices and Other Communications*].
- 1.1.57 “**Notice of Dissatisfaction**” or “**NOD**” means the Notice one Party may give to the other Party if it is dissatisfied, either with an Engineer’s determination under Sub-Clause 3.7 [*Agreement or Determination*] or with a DAAB’s decision under Sub-Clause 21.4 [*Obtaining DAAB’s Decision*].
- 1.1.58 “**Part**” means a part of the Works or part of a Section (as the case may be) which is used by the Employer and deemed to have been taken over under Sub-Clause 10.2 [*Taking Over Parts*].
- 1.1.59 “**Particular Conditions**” means the document entitled particular conditions of contract included in the Contract, which consists of Part A - Contract Data and Part B – Special Provisions.
- 1.1.60 “**Party**” means the Employer or the Contractor, as the context requires. “**Parties**” means both the Employer and the Contractor.
- 1.1.61 “**Payment Certificate**” means a payment certificate issued by the Engineer under Clause 14 [*Contract Price and Payment*].
- 1.1.62 “**Performance Certificate**” means the certificate issued by the Engineer (or deemed to be issued) under Sub-Clause 11.9 [*Performance Certificate*].
- 1.1.63 “**Performance Security**” means the security under Sub-Clause 4.2 [*Performance Security*].

- 1.1.64 “**Permanent Works**” means the works of a permanent nature which are to be executed by the Contractor under the Contract.
- 1.1.65 “**Plant**” means the apparatus, equipment, machinery and vehicles (including any components) whether on the Site or otherwise allocated to the Contract and intended to form or forming part of the Permanent Works.
- 1.1.66 “**Programme**” means a detailed time programme prepared and submitted by the Contractor to which the Engineer has given (or is deemed to have given) a Notice of No-objection under Sub-Clause 8.3 [*Programme*].
- 1.1.67 “**Provisional Sum**” means a sum (if any) which is specified in the Contract by the Employer as a provisional sum, for the execution of any part of the Works or for the supply of Plant, Materials or services under Sub-Clause 13.4 [*Provisional Sums*].
- 1.1.68 “**QM System**” means the Contractor’s quality management system (as may be updated and/or revised from time to time) in accordance with Sub-Clause 4.9.1 [*Quality Management System*].
- 1.1.69 “**Retention Money**” means the accumulated retention moneys which the Employer retains under Sub-Clause 14.3 [*Application for Interim Payment*] and pays under Sub-Clause 14.9 [*Release of Retention Money*].
- 1.1.70 “**Review**” means examination and consideration by the Engineer of a Contractor’s submission in order to assess whether (and to what extent) it complies with the Contract and/or with the Contractor’s obligations under or in connection with the Contract.
- 1.1.71 “**Schedules**” means the document(s) entitled schedules prepared by the Employer and completed by the Contractor, as attached to the Letter of Tender and included in the Contract. Such document(s) may include data, lists and schedules of payments and/or rates and prices, and guarantees.
- 1.1.72 “**Schedule of Payments**” means the document(s) entitled schedule of payments (if any) in the Schedules showing the amounts and manner of payments to be made to the Contractor.
- 1.1.73 “**Section**” means a part of the Works specified in the Contract Data as a Section (if any).
- 1.1.74 “**Site**” means the places where the Permanent Works are to be executed and to which Plant and Materials are to be delivered, and any other places specified in the Contract as forming part of the Site.
- 1.1.75 “**Special Provisions**” means the document (if any), entitled special provisions which constitutes Part B of the Particular Conditions.
- 1.1.76 “**Specification**” means the document entitled specification included in the Contract, and any additions and modifications to the specification in accordance with the Contract. Such document specifies the Works.
- 1.1.77 “**Statement**” means a statement submitted by the Contractor as part of an application for a Payment Certificate under Sub-Clause 14.3 [*Application for Interim Payment*], Sub-Clause 14.10 [*Statement at Completion*] or Sub-Clause 14.11 [*Final Statement*].
- 1.1.78 “**Subcontractor**” means any person named in the Contract as a subcontractor, or any person appointed by the Contractor as a subcontractor.

or designer, for a part of the Works; and the legal successors in title to each of these persons.

- 1.1.79 **“Taking-Over Certificate”** means a certificate issued (or deemed to be issued) by the Engineer in accordance with Clause 10 [*Employer’s Taking Over*].
- 1.1.80 **“Temporary Works”** means all temporary works of every kind (other than Contractor’s Equipment) required on Site for the execution of the Works.
- 1.1.81 **“Tender”** means the Letter of Tender, the Contractor’s Proposal, the JV Undertaking (if applicable), and all other documents which the Contractor submitted with the Letter of Tender, as included in the Contract.
- 1.1.82 **“Tests after Completion”** means the tests (if any) which are stated in the Specification and which are carried out in accordance with the Special Provisions after the Works or a Section (as the case may be) are taken over under Clause 10 [*Employer’s Taking Over*].
- 1.1.83 **“Tests on Completion”** means the tests which are specified in the Contract or agreed by both Parties or instructed as a Variation, and which are carried out under Clause 9 [*Tests on Completion*] before the Works or a Section (as the case may be) are taken over under Clause 10 [*Employer’s Taking Over*].
- 1.1.84 **“Time for Completion”** means the time for completing the Works or a Section (as the case may be) under Sub-Clause 8.2 [*Time for Completion*], as stated in the Contract Data as may be extended under Sub-Clause 8.5 [*Extension of Time for Completion*], calculated from the Commencement Date.
- 1.1.85 **“Unforeseeable”** means not reasonably foreseeable by an experienced contractor by the Base Date.
- 1.1.86 **“Variation”** means any change to the Works, which is instructed as a variation under Clause 13 [*Variations and Adjustments*].
- 1.1.87 **“Works”** mean the Permanent Works and the Temporary Works, or either of them as appropriate.
- 1.1.88 **“year”** means 365 days.

1.2

Interpretation

In the Contract, except where the context requires otherwise:

- (a) words indicating one gender include all genders; and “he”, “his” and “himself” shall be read as “he/she”, “his/her” and “himself/herself” respectively;
- (b) words indicating the singular also include the plural and words indicating the plural also include the singular;
- (c) provisions including the word “agree”, “agreed” or “agreement” require the agreement to be recorded in writing;
- (d) “written” or “in writing” means hand-written, type-written, printed or electronically made, and resulting in a permanent record;
- (e) “may” means that the Party or person referred to has the choice of whether to act or not in the matter referred to;



- (f) “shall” means that the Party or person referred to has an obligation under the Contract to perform the duty referred to;
- (g) “consent” means that the Employer, the Contractor or the Engineer (as the case may be) agrees to or gives permission for, the requested matter;
- (h) “including”, “include” and “includes” shall be interpreted as not being limited to, or qualified by, the stated items that follow;
- (i) words indicating persons or parties shall be interpreted as referring to natural and legal persons (including corporations and other legal entities); and
- (j) “execute the Works” or “execution of the Works” means the construction and completion of the Works and the remedying of any defects (and shall be deemed to include design to the extent, if any, specified in the Contract)

In any list in these Conditions, where the second-last item of the list is followed by “and” or “or” or “and/or” then all of the list items going before this item shall also be read as if they are followed by “and” or “or” or “and/or” (as the case may be).

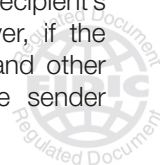
The marginal words and other headings shall not be taken into consideration in the interpretation of these Conditions.

1.3

Notices and Other Communications

Wherever these Conditions provide for the giving of a Notice (including a Notice of Dissatisfaction) or the issuing, providing, sending, submitting or transmitting of another type of communication (including acceptance, acknowledgement, advising, agreement, approval, certificate, Claim, consent, decision, determination, discharge, instruction, No-objection, record(s) of meeting, permission, proposal, record, reply, report, request, Review, Statement, statement, submission or any other similar type of communication), the Notice or other communication shall be in writing and:

- (a) shall be:
 - (i) a paper-original signed by the Contractor’s Representative, the Engineer, or the authorised representative of the Employer (as the case may be); or
 - (ii) an electronic original generated from any of the systems of electronic transmission stated in the Contract Data (if not stated, system(s) acceptable to the Engineer), where the electronic original is transmitted by the electronic address uniquely assigned to each of such authorised representatives,
 or both, as stated in these Conditions; and
- (b) if it is a Notice, it shall be identified as a Notice. If it is another form of communication, it shall be identified as such and include reference to the provision(s) of the Contract under which it is issued where appropriate;
- (c) delivered by hand (against receipt), or sent by mail or courier (against receipt), or transmitted using any of the systems of electronic transmission under sub-paragraph (a)(ii) above; and
- (d) delivered, sent or transmitted to the address for the recipient’s communications as stated in the Contract Data. However, if the recipient gives a Notice of another address, all Notices and other communications shall be delivered accordingly after the sender receives such Notice.



Where these Conditions state that a Notice or NOD or other communication is to be delivered, given, issued, provided, sent, submitted or transmitted, it shall have effect when it is received (or deemed to have been received) at the recipient's current address under sub-paragraph (d) above. An electronically transmitted Notice or other communication is deemed to have been received on the day after transmission, provided no non-delivery notification was received by the sender.

All Notices, and all other types of communication as referred to above, shall not be unreasonably withheld or delayed.

When a Notice or NOD or certificate is issued by a Party or the Engineer, the paper and/or electronic original shall be sent to the intended recipient and a copy shall be sent to the Engineer or the other Party, as the case may be. All other communications shall be copied to the Parties and/or the Engineer as stated under these Conditions or elsewhere in the Contract.

1.4

Law and Language

The Contract shall be governed by the law of the country (or other jurisdiction) stated in the Contract Data (if not stated, the law of the Country), excluding any conflict of law rules.

The ruling language of the Contract shall be that stated in the Contract Data (if not stated, the language of these Conditions). If there are versions of any part of the Contract which are written in more than one language, the version which is in the ruling language shall prevail.

The language for communications shall be that stated in the Contract Data. If no language is stated there, the language for communications shall be the ruling language of the Contract.

1.5

Priority of Documents

The documents forming the Contract are to be taken as mutually explanatory of one another. If there is any conflict, ambiguity or discrepancy, the priority of the documents shall be in accordance with the following sequence:

- (a) the Contract Agreement;
- (b) the Letter of Acceptance;
- (c) the Letter of Tender;
- (d) the Particular Conditions Part A – Contract Data;
- (e) the Particular Conditions Part B – Special Provisions;
- (f) these General Conditions;
- (g) the Specification;
- (h) the Drawings;
- (i) the Schedules;
- (j) the JV Undertaking (if the Contractor is a JV); and
- (k) any other documents forming part of the Contract.

If a Party finds an ambiguity or discrepancy in the documents, that Party shall promptly give a Notice to the Engineer, describing the ambiguity or discrepancy. After receiving such Notice, or if the Engineer finds an ambiguity or discrepancy in the documents, the Engineer shall issue the necessary clarification or instruction.



1.6

Contract Agreement

The Parties shall sign a Contract Agreement within 35 days after the Contractor receives the Letter of Acceptance, unless they agree otherwise. The Contract Agreement shall be based on the form annexed to the Particular Conditions. The costs of stamp duties and similar charges (if any) imposed by law in connection with entry into the Contract Agreement shall be borne by the Employer.

If the Contractor comprises a JV, the authorised representative of each member of the JV shall sign the Contract Agreement.

1.7

Assignment

Neither Party shall assign the whole or any part of the Contract or any benefit or interest in or under the Contract. However, either Party:

- (a) may assign the whole or any part of the Contract with the prior agreement of the other Party, at the sole discretion of such other Party; and
- (b) may, as security in favour of a bank or financial institution, assign the Party's right to any moneys due, or to become due, under the Contract without the prior agreement of the other Party.

1.8

Care and Supply of Documents

The Specification and Drawings shall be in the custody and care of the Employer. Unless otherwise stated in the Contract, two copies of the Contract and of each subsequent Drawing shall be supplied to the Contractor, who may make or request further copies at the cost of the Contractor.

Each of the Contractor's Documents shall be in the custody and care of the Contractor, unless and until submitted to the Engineer. The Contractor shall supply to the Engineer one paper-original, one electronic copy (in the form as stated in the Specification or, if not stated, a form acceptable to the Engineer) and additional paper copies (if any) as stated in the Contract Data of each of the Contractor's Documents.

The Contractor shall keep at all times, on the Site, a copy of:

- (a) the Contract;
- (b) the records under Sub-Clause 6.10 [*Contractor's Records*] and Sub-Clause 20.2.3 [*Contemporary records*];
- (c) the publications (if any) named in the Specification;
- (d) the Contractor's Documents;
- (e) the Drawings; and
- (f) Variations, Notices and other communications given under the Contract.

The Employer's Personnel shall have right of access to all these documents during all normal working hours, or as otherwise agreed with the Contractor.

If a Party (or the Engineer) becomes aware of an error or defect (whether of a technical nature or otherwise) in a document which was prepared for use in the execution of the Works, the Party (or the Engineer) shall promptly give a Notice of such error or defect to the other Party (or to the Parties).



1.9

Delayed Drawings or Instructions

The Contractor shall give a Notice to the Engineer whenever the Works are likely to be delayed or disrupted if any necessary drawing or instruction is not issued to the Contractor within a particular time, which shall be reasonable. The Notice shall include details of the necessary drawing or instruction, details of why and by when it should be issued, and details of the nature and amount of the delay or disruption likely to be suffered if it is late.

If the Contractor suffers delay and/or incurs Cost as a result of a failure of the Engineer to issue the notified drawing or instruction within a time which is reasonable and is specified in the Notice with supporting details, the Contractor shall be entitled subject to Sub-Clause 20.2 [*Claims For Payment and/or EOT*] to EOT and/or payment of such Cost Plus Profit.

However, if and to the extent that the Engineer's failure was caused by any error or delay by the Contractor, including an error in, or delay in the submission of, any of the Contractor's Documents, the Contractor shall not be entitled to such EOT and/or Cost Plus Profit.

1.10

Employer's Use of Contractor's Documents

As between the Parties, the Contractor shall retain the copyright and other intellectual property rights in the Contractor's Documents (and other design documents, if any, made by (or on behalf of) the Contractor).

The Contractor shall be deemed (by signing the Contract Agreement) to give to the Employer a non-terminable transferable non-exclusive royalty-free licence to copy, use and communicate the Contractor's Documents (and such other design documents, if any), including making and using modifications of them. This licence shall:

- (a) apply throughout the actual or intended operational life (whichever is longer) of the relevant parts of the Works;
- (b) entitle any person in proper possession of the relevant part of the Works to copy, use and communicate the Contractor's Documents (and such other design documents, if any) for the purposes of completing, operating, maintaining, altering, adjusting, repairing and demolishing the Works;
- (c) in the case of Contractor's Documents (and such other design documents, if any) which are in the form of electronic or digital files, computer programs and other software, permit their use on any computer on the Site and/or at the locations of the Employer and the Engineer and/or at other places as envisaged by the Contract; and
- (d) in the event of termination of the Contract:
 - (i) under Sub-Clause 15.2 [*Termination for Contractor's Default*], entitle the Employer to copy, use and communicate the Contractor's Documents (and other design documents made by or for the Contractor, if any); or
 - (ii) under Sub-Clause 15.5 [*Termination for Employer's Convenience*], Sub-Clause 16.2 [*Termination by Contractor*] or Sub-Clause 18.5 [*Optional Termination*], entitle the Employer to copy, use and communicate the Contractor's Documents for which the Contractor has received payment

for the purpose of completing the Works and/or arranging for any other entities to do so.



The Contractor's Documents (and other design documents, if any, made by (or on behalf of) the Contractor) shall not, without the Contractor's prior consent, be used, copied or communicated to a third party by (or on behalf of) the Employer for purposes other than those permitted under this Sub-Clause.

1.11

Contractor's Use of Employer's Documents

As between the Parties, the Employer shall retain the copyright and other intellectual property rights in the Specification and Drawings and other documents made by (or on behalf of) the Employer. The Contractor may, at the Contractor's cost, copy, use and communicate these documents for the purposes of the Contract.

These documents (in whole or in part) shall not, without the Employer's prior consent, be copied, used or communicated to a third party by the Contractor, except as necessary for the purposes of the Contract.

1.12

Confidentiality

The Contractor shall disclose all such confidential and other information as the Engineer may reasonably require in order to verify the Contractor's compliance with the Contract.

The Contractor shall treat all documents forming the Contract as confidential, except to the extent necessary to carry out the Contractor's obligations under the Contract. The Contractor shall not publish, permit to be published, or disclose any particulars of the Contract in any trade or technical paper or elsewhere without the Employer's prior consent.

The Employer and the Engineer shall treat all information provided by the Contractor and marked "confidential", as confidential. The Employer shall not disclose or permit to be disclosed any such information to third parties, except as may be necessary when exercising the Employer's rights under Sub-Clause 15.2 [*Termination for Contractor's Default*].

A Party's obligation of confidentiality under this Sub-Clause shall not apply where the information:

- (a) was already in that Party's possession without an obligation of confidentiality before receipt from the other Party;
- (b) becomes generally available to the public through no breach of these Conditions; or
- (c) is lawfully obtained by the Party from a third party which is not bound by an obligation of confidentiality.

1.13

Compliance with Laws

The Contractor and the Employer shall, in performing the Contract, comply with all applicable Laws. Unless otherwise stated in the Specification:

- (a) the Employer shall have obtained (or shall obtain) the planning, zoning or building permit or similar permits, permissions, licences and/or approvals for the Permanent Works, and any other permits, permissions, licenses and/or approvals described in the Specification as having been (or being) obtained by the Employer. The Employer shall indemnify and hold the Contractor harmless against and from the consequences of any delay or failure to do so, unless the failure is caused by the Contractor's failure to comply with sub-paragraph (c) below;

- (b) the Contractor shall give all notices, pay all taxes, duties and fees, and obtain all other permits, permissions, licences and/or approvals, as required by the Laws in relation to the execution of the Works. The Contractor shall indemnify and hold the Employer harmless against and from the consequences of any failure to do so unless the failure is caused by the Employer's failure to comply with Sub-Clause 2.2 [*Assistance*];
- (c) within the time(s) stated in the Specification the Contractor shall provide such assistance and all documentation, as described in the Specification or otherwise reasonably required by the Employer, so as to allow the Employer to obtain any permit, permission, licence or approval under sub-paragraph (a) above; and
- (d) the Contractor shall comply with all permits, permissions, licences and/or approvals obtained by the Employer under sub-paragraph (a) above.

If, having complied with sub-paragraph (c) above, the Contractor suffers delay and/or incurs Cost as a result of the Employer's delay or failure to obtain any permit, permission, licence or approval under sub-paragraph (a) above, the Contractor shall be entitled subject to Sub-Clause 20.2 [*Claims For Payment and/or EOT*] to EOT and/or payment of such Cost Plus Profit.

If the Employer incurs additional costs as a result of the Contractor's failure to comply with:

- (i) sub-paragraph (c) above; or
- (ii) sub-paragraph (b) or (d) above, provided that the Employer shall have complied with Sub-Clause 2.2 [*Assistance*],

the Employer shall be entitled subject to Sub-Clause 20.2 [*Claims For Payment and/or EOT*] to payment of these costs by the Contractor.

1.14

Joint and Several Liability

If the Contractor is a Joint Venture:

- (a) the members of the JV shall be jointly and severally liable to the Employer for the performance of the Contractor's obligations under the Contract;
- (b) the JV leader shall have authority to bind the Contractor and each member of the JV; and
- (c) neither the members nor (if known) the scope and parts of the Works to be carried out by each member nor the legal status of the JV shall be altered without the prior consent of the Employer (but such consent shall not relieve the altered JV from any liability under sub-paragraph (a) above).

1.15

Limitation of Liability

Neither Party shall be liable to the other Party for loss of use of any Works, loss of profit, loss of any contract or for any indirect or consequential loss or damage which may be suffered by the other Party in connection with the Contract, other than under:

- (a) Sub-Clause 8.8 [*Delay Damages*];
- (b) sub-paragraph (c) of Sub-Clause 13.3.1 [*Variation by Instruction*];
- (c) Sub-Clause 15.7 [*Payment after Termination for Employer's Convenience*];
- (d) Sub-Clause 16.4 [*Payment after Termination by Contractor*];
- (e) Sub-Clause 17.3 [*Intellectual and Industrial Property Rights*];
- (f) the first paragraph of Sub-Clause 17.4 [*Indemnities by Contractor*];



- and
- (g) Sub-Clause 17.5 [*Indemnities by Employer*].
The total liability of the Contractor to the Employer under or in connection with the Contract, other than:
- (i) under Sub-Clause 2.6 [*Employer-Supplied Materials and Employer's Equipment*];
- (ii) under Sub-Clause 4.19 [*Temporary Utilities*];
- (iii) under Sub-Clause 17.3 [*Intellectual and Industrial Property Rights*]; and
- (iv) under the first paragraph of Sub-Clause 17.4 [*Indemnities by Contractor*],

shall not exceed the sum stated in the Contract Data or (if a sum is not so stated) the Accepted Contract Amount.

This Sub-Clause shall not limit liability in any case of fraud, gross negligence, deliberate default or reckless misconduct by the defaulting Party.

1.16

Contract Termination

Subject to any mandatory requirements under the governing law of the Contract, termination of the Contract under any Sub-Clause of these Conditions shall require no action of whatsoever kind by either Party other than as stated in the Sub-Clause.

2 The Employer

2.1

Right of Access to the Site

The Employer shall give the Contractor right of access to, and possession of, all parts of the Site within the time (or times) stated in the Contract Data. The right and possession may not be exclusive to the Contractor. If, under the Contract, the Employer is required to give (to the Contractor) possession of any foundation, structure, plant or means of access, the Employer shall do so in the time and manner stated in the Specification. However, the Employer may withhold any such right or possession until the Performance Security has been received.

If no such time is stated in the Contract Data, the Employer shall give the Contractor right of access to, and possession of, those parts of the Site within such times as may be required to enable the Contractor to proceed in accordance with the Programme or, if there is no Programme at that time, the initial programme submitted under Sub-Clause 8.3 [*Programme*].

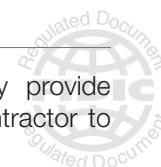
If the Contractor suffers delay and/or incurs Cost as a result of a failure by the Employer to give any such right or possession within such time, the Contractor shall be entitled subject to Sub-Clause 20.2 [*Claims For Payment and/or EOT*] to EOT and/or payment of such Cost Plus Profit.

However, if and to the extent that the Employer's failure was caused by any error or delay by the Contractor, including an error in, or delay in the submission of, any of the applicable Contractor's Documents, the Contractor shall not be entitled to such EOT and/or Cost Plus Profit.

2.2

Assistance

If requested by the Contractor, the Employer shall promptly provide reasonable assistance to the Contractor so as to allow the Contractor to obtain:



- (a) copies of the Laws of the Country which are relevant to the Contract but are not readily available; and
- (b) any permits, permissions, licences or approvals required by the Laws of the Country (including information required to be submitted by the Contractor in order to obtain such permits, permissions, licences or approvals):
 - (i) which the Contractor is required to obtain under Sub-Clause 1.13 [*Compliance with Laws*];
 - (ii) for the delivery of Goods, including clearance through customs; and
 - (iii) for the export of Contractor's Equipment when it is removed from the Site.

2.3

Employer's Personnel and Other Contractors

The Employer shall be responsible for ensuring that the Employer's Personnel and the Employer's other contractors (if any) on or near the Site:

- (a) co-operate with the Contractor's efforts under Sub-Clause 4.6 [*Co-operation*]; and
- (b) comply with the same obligations which the Contractor is required to comply with under sub-paragraphs (a) to (e) of Sub-Clause 4.8 [*Health and Safety Obligations*] and under Sub-Clause 4.18 [*Protection of the Environment*].

The Contractor may require the Employer to remove (or cause to be removed) any person of the Employer's Personnel or of the Employer's other contractors (if any) who is found, based on reasonable evidence, to have engaged in corrupt, fraudulent, collusive or coercive practice.

2.4

Employer's Financial Arrangements

The Employer's arrangements for financing the Employer's obligations under the Contract shall be detailed in the Contract Data.

If the Employer intends to make any material change (affecting the Employer's ability to pay the part of the Contract Price remaining to be paid at that time as estimated by the Engineer) to these financial arrangements, or has to do so because of changes in the Employer's financial situation, the Employer shall immediately give a Notice to the Contractor with detailed supporting particulars.

If the Contractor:

- (a) receives an instruction to execute a Variation with a price greater than ten percent (10%) of the Accepted Contract Amount, or the accumulated total of Variations exceeds thirty percent (30%) of the Accepted Contract Amount;
- (b) does not receive payment in accordance with Sub-Clause 14.7 [*Payment*]; or
- (c) becomes aware of a material change in the Employer's financial arrangements of which the Contractor has not received a Notice under this Sub-Clause,

the Contractor may request and the Employer shall, within 28 days after receiving this request, provide reasonable evidence that financial arrangements have been made and are being maintained which will enable the Employer to pay the part of the Contract Price remaining to be paid at that time (as estimated by the Engineer).

2.5

Site Data and Items of Reference

The Employer shall have made available to the Contractor for information, before the Base Date, all relevant data in the Employer's possession on the topography of the Site and on sub-surface, hydrological, climatic and environmental conditions at the Site. The Employer shall promptly make available to the Contractor all such data which comes into the Employer's possession after the Base Date.

The original survey control points, lines and levels of reference (the "items of reference" in these Conditions) shall be specified on the Drawings and/or in the Specification or issued to the Contractor by a Notice from the Engineer.

2.6

Employer-Supplied Materials and Employer's Equipment

If Employer-Supplied Materials and/or Employer's Equipment are listed in the Specification for the Contractor's use in the execution of the Works, the Employer shall make such materials and/or equipment available to the Contractor in accordance with the details, times, arrangements, rates and prices stated in the Specification.

The Contractor shall be responsible for each item of Employer's Equipment whilst any of the Contractor's Personnel is operating it, driving it, directing it, using it, or in control of it.

3 The Engineer

3.1

The Engineer

The Employer shall appoint the Engineer, who shall carry out the duties assigned to the Engineer in the Contract.

The Engineer shall be vested with all the authority necessary to act as the Engineer under the Contract.

If the Engineer is a legal entity, a natural person employed by the Engineer shall be appointed and authorised to act on behalf of the Engineer under the Contract.

The Engineer (or, if a legal entity, the natural person appointed to act on its behalf) shall be:

- (a) a professional engineer having suitable qualifications, experience and competence to act as the Engineer under the Contract; and
- (b) shall be fluent in the ruling language defined in Sub-Clause 1.4 [*Law and Language*].

Where the Engineer is a legal entity, the Engineer shall give a Notice to the Parties of the natural person (or any replacement) appointed and authorised to act on its behalf. The authority shall not take effect until this Notice has been received by both Parties. The Engineer shall similarly give a Notice of any revocation of such authority.

3.2

Engineer's Duties and Authority

Except as otherwise stated in these Conditions, whenever carrying out duties or exercising authority, specified in or implied by the Contract, the Engineer shall act as a skilled professional and shall be deemed to act for the Employer.

The Engineer shall have no authority to amend the Contract or, except as otherwise stated in these Conditions, to relieve either Party of any duty, obligation or responsibility under or in connection with the Contract.

The Engineer may exercise the authority attributable to the Engineer as specified in or necessarily to be implied from the Contract. If the Engineer is required to obtain the consent of the Employer before exercising a specified authority, the requirements shall be as stated in the Particular Conditions. There shall be no requirement for the Engineer to obtain the Employer's consent before the Engineer exercises his/her authority under Sub-Clause 3.7 [*Agreement or Determination*]. The Employer shall not impose further constraints on the Engineer's authority.

However, whenever the Engineer exercises a specified authority for which the Employer's consent is required, then (for the purposes of the Contract) such consent shall be deemed to have been given.

Any acceptance, agreement, approval, check, certificate, comment, consent, disapproval, examination, inspection, instruction, Notice, No-objection, record(s) of meeting, permission, proposal, record, reply, report, request, Review, test, valuation, or similar act (including the absence of any such act) by the Engineer, the Engineer's Representative or any assistant shall not relieve the Contractor from any duty, obligation or responsibility the Contractor has under or in connection with the Contract.

3.3

The Engineer's Representative

The Engineer may appoint an Engineer's Representative and delegate to him/her in accordance with Sub-Clause 3.4 [*Delegation by the Engineer*] the authority necessary to act on the Engineer's behalf at the Site, except to replace the Engineer's Representative.

The Engineer's Representative (if appointed) shall comply with sub-paragraphs (a) and (b) of Sub-Clause 3.1 [*The Engineer*] and shall be based at the Site for the whole time that the Works are being executed at the Site. If the Engineer's Representative is to be temporarily absent from the Site during the execution of the Works, an equivalently qualified, experienced and competent replacement shall be appointed by the Engineer, and the Contractor shall be given a Notice of such replacement.

3.4

Delegation by the Engineer

The Engineer may from time to time assign duties and delegate authority to assistants, and may also revoke such assignment or delegation, by giving a Notice to the Parties, describing the assigned duties and the delegated authority of each assistant. The assignment, delegation or revocation shall not take effect until this Notice has been received by both Parties. However, the Engineer shall not delegate the authority to:

- (a) act under Sub-Clause 3.7 [*Agreement or Determination*]; and/or
- (b) issue a Notice to Correct under Sub-Clause 15.1 [*Notice to Correct*].

Assistants shall be suitably qualified natural persons, who are experienced and competent to carry out these duties and exercise this authority, and who are fluent in the language for communications defined in Sub-Clause 1.4 [*Law and Language*].

Each assistant, to whom duties have been assigned or authority has been



delegated, shall only be authorised to issue instructions to the Contractor to the extent defined by the Engineer's Notice of delegation under this Sub-Clause. Any act by an assistant, in accordance with the Engineer's Notice of delegation, shall have the same effect as though the act had been an act of the Engineer. However, if the Contractor questions any instruction or Notice given by an assistant, the Contractor may by giving a Notice refer the matter to the Engineer. The Engineer shall be deemed to have confirmed the assistant's instruction or Notice if the Engineer does not respond, within 7 days after receiving the Contractor's Notice, reversing or varying the assistant's instruction or Notice (as the case may be).

3.5

Engineer's Instructions

The Engineer may issue to the Contractor (at any time) instructions which may be necessary for the execution of the Works, all in accordance with the Contract. The Contractor shall only take instructions from the Engineer, or from the Engineer's Representative (if appointed) or an assistant to whom the appropriate authority to give instruction has been delegated under Sub-Clause 3.4 [*Delegation by the Engineer*].

Subject to the following provisions of this Sub-Clause, the Contractor shall comply with the instructions given by the Engineer or the Engineer's Representative (if appointed) or delegated assistant, on any matter related to the Contract.

If an instruction states that it constitutes a Variation, Sub-Clause 13.3.1 [*Variation by Instruction*] shall apply.

If not so stated, and the Contractor considers that the instruction:

- (a) constitutes a Variation (or involves work that is already part of an existing Variation); or
- (b) does not comply with applicable Laws or will reduce the safety of the Works or is technically impossible

the Contractor shall immediately, and before commencing any work related to the instruction, give a Notice to the Engineer with reasons. If the Engineer does not respond within 7 days after receiving this Notice, by giving a Notice confirming, reversing or varying the instruction, the Engineer shall be deemed to have revoked the instruction. Otherwise the Contractor shall comply with and be bound by the terms of the Engineer's response.

3.6

Replacement of the Engineer

If the Employer intends to replace the Engineer, the Employer shall, not less than 42 days before the intended date of replacement, give a Notice to the Contractor of the name, address and relevant experience of the intended replacement Engineer.

If the Contractor does not respond within 14 days after receiving this Notice, by giving a Notice stating an objection to such replacement with reasons, the Contractor shall be deemed to have accepted the replacement.

The Employer shall not replace the Engineer with a person (whether a legal entity or a natural person) against whom the Contractor has raised reasonable objection by a Notice under this Sub-Clause.

If the Engineer is unable to act as a result of death, illness, disability or resignation (or, in the case of an entity, the Engineer becomes unable or



unwilling to carry out any of its duties, other than for a cause attributable to the Employer) the Employer shall be entitled to immediately appoint a replacement by giving a Notice to the Contractor with reasons and the name, address and relevant experience of the replacement. This appointment shall be treated as a temporary appointment until this replacement is accepted by the Contractor, or another replacement is appointed, under this Sub-Clause.

3.7

Agreement or Determination

When carrying out his/her duties under this Sub-Clause, the Engineer shall act neutrally between the Parties and shall not be deemed to act for the Employer.

Whenever these Conditions provide that the Engineer shall proceed under this Sub-Clause to agree or determine any matter or Claim, the following procedure shall apply:

3.7.1 Consultation to reach agreement

The Engineer shall consult with both Parties jointly and/or separately, and shall encourage discussion between the Parties in an endeavour to reach agreement. The Engineer shall commence such consultation promptly to allow adequate time to comply with the time limit for agreement under Sub-Clause 3.7.3 [*Time limits*]. Unless otherwise proposed by the Engineer and agreed by both Parties, the Engineer shall provide both Parties with a record of the consultation.

If agreement is achieved, within the time limit for agreement under Sub-Clause 3.7.3 [*Time limits*], the Engineer shall give a Notice to both Parties of the agreement, which agreement shall be signed by both Parties. This Notice shall state that it is a "Notice of the Parties' Agreement" and shall include a copy of the agreement.

If:

- (a) no agreement is achieved within the time limit for agreement under Sub-Clause 3.7.3 [*Time limits*]; or
- (b) both Parties advise the Engineer that no agreement can be achieved within this time limit

whichever is the earlier, the Engineer shall give a Notice to the Parties accordingly and shall immediately proceed as specified under Sub-Clause 3.7.2 [*Engineer's Determination*].

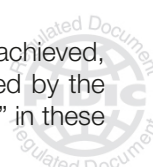
3.7.2 Engineer's Determination

The Engineer shall make a fair determination of the matter or Claim, in accordance with the Contract, taking due regard of all relevant circumstances.

Within the time limit for determination under Sub-Clause 3.7.3 [*Time limits*], the Engineer shall give a Notice to both Parties of his/her determination. This Notice shall state that it is a "Notice of the Engineer's Determination", and shall describe the determination in detail with reasons and detailed supporting particulars.

3.7.3 Time limits

The Engineer shall give the Notice of agreement, if agreement is achieved, within 42 days or within such other time limit as may be proposed by the Engineer and agreed by both Parties (the "time limit for agreement" in these Conditions), after:



- (a) in the case of a matter to be agreed or determined (not a Claim), the date of commencement of the time limit for agreement as stated in the applicable Sub-Clause of these Conditions;
- (b) in the case of a Claim under sub-paragraph (c) of Sub-Clause 20.1 [Claims], the date the Engineer receives a Notice under Sub-Clause 20.1 from the claiming Party; or
- (c) in the case of a Claim under sub-paragraph (a) or (b) of Sub-Clause 20.1 [Claims], the date the Engineer receives:
 - (i) a fully detailed Claim under Sub-Clause 20.2.4 [Fully Detailed Claim]; or
 - (ii) in the case of a Claim under Sub-Clause 20.2.6 [Claims of continuing effect], an interim or final fully detailed Claim (as the case may be).

The Engineer shall give the Notice of his/her determination within 42 days or within such other time limit as may be proposed by the Engineer and agreed by both Parties (the “time limit for determination” in these Conditions), after the date corresponding to his/her obligation to proceed under the last paragraph of Sub-Clause 3.7.1 [Consultation to reach agreement].

If the Engineer does not give the Notice of agreement or determination within the relevant time limit:

- (i) in the case of a Claim, the Engineer shall be deemed to have given a determination rejecting the Claim; or
- (ii) in the case of a matter to be agreed or determined, the matter shall be deemed to be a Dispute which may be referred by either Party to the DAAB for its decision under Sub-Clause 21.4 [Obtaining DAAB’s Decision] without the need for a NOD (and Sub-Clause 3.7.5 [Dissatisfaction with Engineers determination] and sub-paragraph (a) of Sub-Clause 21.4.1 [Reference of a Dispute to the DAAB] shall not apply).

3.7.4 Effect of the agreement or determination

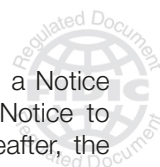
Each agreement or determination shall be binding on both Parties (and shall be complied with by the Engineer) unless and until corrected under this Sub-Clause or, in the case of a determination, it is revised under Clause 21 [Disputes and Arbitration].

If an agreement or determination concerns the payment of an amount from one Party to the other Party, the Contractor shall include such an amount in the next Statement and the Engineer shall include such amount in the Payment Certificate that follows that Statement.

If, within 14 days after giving or receiving the Engineer’s Notice of agreement or determination, any error of a typographical or clerical or arithmetical nature is found:

- (a) by the Engineer: then he/she shall immediately advise the Parties accordingly; or
- (b) by a Party: then that Party shall give a Notice to the Engineer, stating that it is given under this Sub-Clause 3.7.4 and clearly identifying the error. If the Engineer does not agree there was an error, he/she shall immediately advise the Parties accordingly.

The Engineer shall within 7 days of finding the error, or receiving a Notice under sub-paragraph (b) above (as the case may be), give a Notice to both Parties of the corrected agreement or determination. Thereafter, the



corrected agreement or determination shall be treated as the agreement or determination for the purpose of these Conditions.

3.7.5 Dissatisfaction with Engineer's determination

If either Party is dissatisfied with a determination of the Engineer:

- (a) the dissatisfied Party may give a NOD to the other Party, with a copy to the Engineer;
- (b) this NOD shall state that it is a "Notice of Dissatisfaction with the Engineer's Determination" and shall set out the reason(s) for dissatisfaction;
- (c) this NOD shall be given within 28 days after receiving the Engineer's Notice of the determination under Sub-Clause 3.7.2 [*Engineer's Determination*] or, if applicable, his/her Notice of the corrected determination under Sub-Clause 3.7.4 [*Effect of the agreement or determination*] (or, in the case of a deemed determination rejecting the Claim, within 28 days after the time limit for determination under Sub-Clause 3.7.3 [*Time limits*] has expired); and
- (d) thereafter, either Party may proceed under Sub-Clause 21.4 [*Obtaining DAAB's Decision*].

If no NOD is given by either Party within the period of 28 days stated in sub-paragraph (c) above, the determination of the Engineer shall be deemed to have been accepted by both Parties and shall be final and binding on them.

If the dissatisfied Party is dissatisfied with only part(s) of the Engineer's determination:

- (i) this part(s) shall be clearly identified in the NOD;
- (ii) this part(s), and any other parts of the determination that are affected by such part(s) or rely on such part(s) for completeness, shall be deemed to be severable from the remainder of the determination; and
- (iii) the remainder of the determination shall become final and binding on both Parties as if the NOD had not been given.

In the event that a Party fails to comply with an agreement of the Parties under this Sub-Clause 3.7 or a final and binding determination of the Engineer, the other Party may, without prejudice to any other rights it may have, refer the failure itself directly to arbitration under Sub-Clause 21.6 [*Arbitration*] in which case the first and the third paragraphs of Sub-Clause 21.7 [*Failure to Comply with DAAB's Decision*] shall apply to such reference in the same manner as these paragraphs apply to a final and binding decision of the DAAB.

3.8

Meetings

The Engineer or the Contractor's Representative may require the other to attend a management meeting to discuss arrangements for future work and/or other matters in connection with execution of the Works.

The Employer's other contractors, the personnel of legally constituted public authorities and/or private utility companies, and/or Subcontractors may attend any such meeting, if requested by the Engineer or the Contractor's Representative.

The Engineer shall keep a record of each management meeting and supply copies of the record to those attending and to the Employer. At any such



4 The Contractor

4.1

Contractor's General Obligations

meeting, and in the record, responsibilities for any actions to be taken shall be in accordance with the Contract.

The Contractor shall execute the Works in accordance with the Contract. The Contractor undertakes that the execution of the Works and the completed Works will be in accordance with the documents forming the Contract, as altered or modified by Variations.

The Contractor shall provide the Plant (and spare parts, if any) and Contractor's Documents specified in the Contract, and all Contractor's Personnel, Goods, consumables and other things and services, whether of a temporary or permanent nature, required to fulfil the Contractor's obligations under the Contract.

The Contractor shall be responsible for the adequacy, stability and safety of all the Contractor's operations and activities, of all methods of construction and of all the Temporary Works. Except to the extent specified in the Contract, the Contractor:

- (i) shall be responsible for all Contractor's Documents, Temporary Works, and such design of each item of Plant and Materials as is required for the item to be in accordance with the Contract; and
- (ii) shall not otherwise be responsible for the design or specification of the Permanent Works.

The Contractor shall, whenever required by the Engineer, submit details of the arrangements and methods which the Contractor proposes to adopt for the execution of the Works. No significant alteration to these arrangements and methods shall be made without this alteration having been submitted to the Engineer.

If the Contract specifies that the Contractor shall design any part of the Permanent Works, then unless otherwise stated in the Particular Conditions:

- (a) the Contractor shall prepare, and submit to the Engineer for Review, the Contractor's Documents for this part (and any other documents necessary to complete and implement the design during the execution of the Works and to instruct the Contractor's Personnel);
- (b) these Contractor's Documents shall be in accordance with the Specification and Drawings and shall include additional information required by the Engineer to add to the Drawings for co-ordination of each Party's designs. If the Engineer instructs that further Contractor's Documents are reasonably required to demonstrate that the Contractor's design complies with the Contract, the Contractor shall prepare and submit them promptly to the Engineer at the Contractor's cost;
- (c) construction of this part shall not commence until a Notice of No-objection is given (or is deemed to have been given) by the Engineer under sub-paragraph (i) of Sub-Clause 4.4.1 [*Preparation and Review*] for all the Contractor's Documents which are relevant to its design, and construction of such part shall be in accordance with these Contractor's Documents;
- (d) the Contractor may modify any design or Contractor's Documents which have previously been submitted for Review, by giving a Notice

- to the Engineer with reasons. If the Contractor has commenced construction of the part of the Works to which such design or Contractor's Documents are relevant, work on this part shall be suspended, the provisions of Sub-Clause 4.4.1 [*Preparation and Review*] shall apply as if the Engineer had given a Notice in respect of the Contractor's Documents under sub-paragraph (ii) of Sub-Clause 4.4.1, and work shall not resume until a Notice of No-objection is given (or is deemed to have been given) by the Engineer for the revised documents;
- (e) the Contractor shall be responsible for this part and it shall, when the Works are completed, be fit for such purpose(s) for which the part is intended as are specified in the Contract (or, where no purpose(s) are so defined and described, fit for their ordinary purpose(s));
 - (f) in addition to the Contractor's undertaking above, the Contractor undertakes that the design and the Contractor's Documents for this part will comply with the technical standards stated in the Specification and Laws (in force when the Works are taken over under Clause 10 [*Employer's Taking Over*]) and in accordance with the documents forming the Contract, as altered or modified by Variations;
 - (g) if Sub-Clause 4.4.2 [*As-built Records*] and/or Sub-Clause 4.4.3 [*Operation and Maintenance Manuals*] apply, the Contractor shall submit to the Engineer the Contractor's Documents for this part in accordance with such Sub-Clause(s) and in sufficient detail for the Employer to operate, maintain, dismantle, reassemble, adjust and repair this part; and
 - (h) if Sub-Clause 4.5 [*Training*] applies, the Contractor shall carry out training of the Employer's Personnel in the operation and maintenance of this part.

4.2

Performance Security

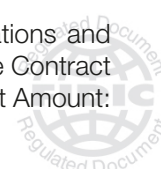
The Contractor shall obtain (at the Contractor's cost) a Performance Security to secure the Contractor's proper performance of the Contract, in the amount and currencies stated in the Contract Data. If no amount is stated in the Contract Data, this Sub-Clause shall not apply.

4.2.1 Contractor's obligations

The Contractor shall deliver the Performance Security to the Employer, with a copy to the Engineer, within 28 days after receiving the Letter of Acceptance. The Performance Security shall be issued by an entity and from within a country (or other jurisdiction) to which the Employer gives consent and shall be in the form annexed to the Particular Conditions, or in another form agreed by the Employer (but such consent and/or agreement shall not relieve the Contractor from any obligation under this Sub-Clause).

The Contractor shall ensure that the Performance Security remains valid and enforceable until the issue of the Performance Certificate and the Contractor has complied with Sub-Clause 11.11 [*Clearance of Site*]. If the terms of the Performance Security specify an expiry date, and the Contractor has not become entitled to receive the Performance Certificate by the date 28 days before the expiry date, the Contractor shall extend the validity of the Performance Security until the issue of the Performance Certificate and the Contractor has complied with Sub-Clause 11.11 [*Clearance of Site*].

Whenever Variations and/or adjustments under Clause 13 [Variations and Adjustments] result in an accumulative increase or decrease of the Contract Price by more than twenty percent (20%) of the Accepted Contract Amount:



- (a) in the case of such an increase, at the Employer's request the Contractor shall promptly increase the amount of the Performance Security in that currency by a percentage equal to the accumulative increase. If the Contractor incurs Cost as a result of this Employer's request, Sub-Clause 13.3.1 [*Variation by Instruction*] shall apply as if the increase had been instructed by the Engineer; or
- (b) in the case of such a decrease, subject to the Employer's prior consent the Contractor may decrease the amount of the Performance Security in that currency by a percentage equal to the accumulative decrease.

4.2.2 Claims under the Performance Security

The Employer shall not make a claim under the Performance Security, except for amounts to which the Employer is entitled under the Contract in the event of:

- (a) failure by the Contractor to extend the validity of the Performance Security, as described in this Sub-Clause, in which event the Employer may claim the full amount (or, in the case of previous reduction(s), the full remaining amount) of the Performance Security;
- (b) failure by the Contractor to pay the Employer an amount due, as agreed or determined under Sub-Clause 3.7 [*Agreement or Determination*] or agreed or decided under Clause 21 [*Disputes and Arbitration*], within 42 days after the date of the agreement or determination or decision or arbitral award (as the case may be);
- (c) failure by the Contractor to remedy a default stated in a Notice given under Sub-Clause 15.1 [*Notice to Correct*] within 42 days or other time (if any) stated in the Notice;
- (d) circumstances which entitle the Employer to terminate the Contract under Sub-Clause 15.2 [*Termination for Contractor's Default*], irrespective of whether a Notice of termination has been given; or
- (e) if under Sub-Clause 11.5 [*Remedying of Defective Work off Site*] the Contractor removes any defective or damaged Plant from the Site, failure by the Contractor to repair such Plant, return it to the Site, reinstall it and retest it by the date of expiry of the relevant duration stated in the Contractor's Notice (or other date agreed by the Employer).

The Employer shall indemnify and hold the Contractor harmless against and from all damages, losses and expenses (including legal fees and expenses) resulting from a claim under the Performance Security to the extent that the Employer was not entitled to make the claim.

Any amount which is received by the Employer under the Performance Security shall be taken into account:

- (i) in the Final Payment Certificate under Sub-Clause 14.13 [*Issue of FPC*]; or
- (ii) if the Contract is terminated, in payment due to the Contractor under Sub-Clause 15.4 [*Payment after Termination for Contractor's Default*], Sub-Clause 15.7 [*Payment after Termination for Employer's Convenience*], Sub-Clause 16.4 [*Payment after Termination by Contractor*], Sub-Clause 18.5 [*Optional Termination*], or Sub-Clause 18.6 [*Release from Performance under the Law*] (as the case may be).

4.2.3 Return of the Performance Security

The Employer shall return the Performance Security to the Contractor:



- (a) within 21 days after the issue of the Performance Certificate and the Contractor has complied with Sub-Clause 11.11 [*Clearance of Site*]; or
- (b) promptly after the date of termination if the Contract is terminated in accordance with Sub-Clause 15.5 [*Termination for Employer's Convenience*], Sub-Clause 16.2 [*Termination by Contractor*], Sub-Clause 18.5 [*Optional Termination*] or Sub-Clause 18.6 [*Release from Performance under the Law*].

4.3

Contractor's Representative

The Contractor shall appoint the Contractor's Representative and shall give him/her all authority necessary to act on the Contractor's behalf under the Contract, except to replace the Contractor's Representative.

The Contractor's Representative shall be qualified, experienced and competent in the main engineering discipline applicable to the Works and fluent in the language for communications defined in Sub-Clause 1.4 [*Law and Language*].

Unless the Contractor's Representative is named in the Contract, the Contractor shall, before the Commencement Date, submit to the Engineer for consent the name and particulars of the person the Contractor proposes to appoint as Contractor's Representative. If consent is withheld or subsequently revoked, or if the appointed person fails to act as Contractor's Representative, the Contractor shall similarly submit the name and particulars of another suitable replacement for such appointment. If the Engineer does not respond within 28 days after receiving this submission, by giving a Notice to the Contractor objecting to the proposed person or replacement, the Engineer shall be deemed to have given his/her consent.

The Contractor shall not, without the Engineer's prior consent, revoke the appointment of the Contractor's Representative or appoint a replacement (unless the Contractor's Representative is unable to act as a result of death, illness, disability or resignation, in which case his/her appointment shall be deemed to have been revoked with immediate effect and the appointment of a replacement shall be treated as a temporary appointment until the Engineer gives his/her consent to this replacement, or another replacement is appointed, under this Sub-Clause).

The whole time of the Contractor's Representative shall be given to directing the Contractor's performance of the Contract. The Contractor's Representative shall act for and on behalf of the Contractor at all times during the performance of the Contract, including issuing and receiving all Notices and other communications under Sub-Clause 1.3 [*Notices and Other Communications*] and for receiving instructions under Sub-Clause 3.5 [*Engineer's Instructions*].

The Contractor's Representative shall be based at the Site for the whole time that the Works are being executed at the Site. If the Contractor's Representative is to be temporarily absent from the Site during the execution of the Works, a suitable replacement shall be temporarily appointed, subject to the Engineer's prior consent.

The Contractor's Representative may delegate any powers, functions and authority except:



- (a) the authority to issue and receive Notices and other communications under Sub-Clause 1.3 [*Notices and Other Communications*]; and
- (b) the authority to receive instructions under Sub-Clause 3.5 [*Engineer's Instructions*]),

to any suitably competent and experienced person and may at any time revoke the delegation. Any delegation or revocation shall not take effect until the Engineer has received a Notice from the Contractor's Representative, naming the person, specifying the powers, functions and authority being delegated or revoked, and stating the timing of the delegation or revocation.

All these persons shall be fluent in the language for communications defined in Sub-Clause 1.4 [*Law and Language*].

4.4

Contractor's Documents

4.4.1 Preparation and Review

The Contractor's Documents shall comprise the documents:

- (a) stated in the Specification;
- (b) required to satisfy all permits, permissions, licences and other regulatory approvals which are the Contractor's responsibility under Sub-Clause 1.13 [*Compliance with Laws*];
- (c) described in Sub-Clause 4.4.2 [*As-Built Records*] and Sub-Clause 4.4.3 [*Operation and Maintenance Manuals*], where applicable; and
- (d) required under sub-paragraph (a) of Sub-Clause 4.1 [*Contractor's General Obligations*], where applicable.

Unless otherwise stated in the Specification, the Contractor's Documents shall be written in the language for communications defined in Sub-Clause 1.4 [*Law and Language*].

The Contractor shall prepare all Contractor's Documents and the Employer's Personnel shall have the right to inspect the preparation of all these documents, wherever they are being prepared.

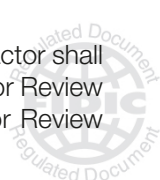
If the Specification or these Conditions specify that a Contractor's Document is to be submitted to the Engineer for Review, it shall be submitted accordingly, together with a Notice from the Contractor stating that the Contractor's Document is ready for Review and that it complies with the Contract.

The Engineer shall, within 21 days after receiving the Contractor's Document and this Notice from the Contractor, give a Notice to the Contractor:

- (i) of No-objection (which may include comments concerning minor matters which will not substantially affect the Works); or
- (ii) that the Contractor's Document fails (to the extent stated) to comply with the Contract, with reasons.

If the Engineer gives no Notice within this period of 21 days, the Engineer shall be deemed to have given a Notice of No-objection to the Contractor's Document.

After receiving a Notice under sub-paragraph (ii), above, the Contractor shall revise the Contractor's Document and resubmit it to the Engineer for Review in accordance with this Sub-Clause and the period of 21 days for Review shall be calculated from the date that the Engineer receives it.



4.4.2 As-Built Records

If no as-built records to be prepared by the Contractor are stated in the Specification, this Sub-Clause shall not apply.

The Contractor shall prepare, and keep up-to-date, a complete set of “as-built” records of the execution of the Works, showing the exact as-built locations, sizes and details of the work as executed by the Contractor. The format, referencing system, system of electronic storage and other relevant details of the as-built records shall be as stated in the Specification (if not stated, as acceptable to the Engineer). These records shall be kept on the Site and shall be used exclusively for the purposes of this Sub-Clause.

The as-built records shall be submitted to the Engineer for Review, and the Works shall not be considered to be completed for the purposes of taking-over under Sub-Clause 10.1 [*Taking Over the Works and Sections*] until the Engineer has given (or is deemed to have given) a Notice of No-objection under sub-paragraph (i) of Sub-Clause 4.4.1 [*Preparation and Review*].

The number of copies of as-built records to be submitted by the Contractor under this Sub-Clause shall be as required under Sub-Clause 1.8 [*Care and Supply of Documents*].

4.4.3 Operation and Maintenance Manuals

If no operation and maintenance manuals to be prepared by the Contractor are stated in the Specification, this Sub-Clause shall not apply.

The Contractor shall prepare, and keep up-to-date, the operation and maintenance manuals in the format and other relevant details as stated in the Specification.

The operation and maintenance manuals shall be submitted to the Engineer for Review, and the Works shall not be considered to be completed for the purposes of taking-over under Sub-Clause 10.1 [*Taking Over the Works and Sections*] until the Engineer has given (or is deemed to have given) a Notice of No-objection under sub-paragraph (i) of Sub-Clause 4.4.1 [*Preparation and Review*].

4.5

Training

If no training of employees of the Employer (and/or other identified personnel) by the Contractor is stated in the Specification, this Sub-Clause shall not apply.

The Contractor shall carry out training of the Employer’s employees (and/or other personnel identified in the Specification) in the operation and maintenance of the Works, and any other aspect of the Works, to the extent stated in the Specification. The timing of the training shall be as stated in the Specification (if not stated, as acceptable to the Employer). The Contractor shall provide qualified and experienced training staff, training facilities and all training materials as necessary and/or as stated in the Specification.

If the Specification specifies training which is to be carried out before taking over, the Works shall not be considered to be completed for the purposes of taking over under Sub-Clause 10.1 [*Taking Over the Works and Sections*] until this training has been completed in accordance with the Specification.

4.6**Co-operation**

The Contractor shall, as stated in the Specification or as instructed by the Engineer, co-operate with and allow appropriate opportunities for carrying out work by:

- (a) the Employer's Personnel;
- (b) any other contractors employed by the Employer; and
- (c) the personnel of any legally constituted public authorities and private utility companies,

who may be employed in the carrying out, on or near the Site, of any work not included in the Contract. Such appropriate opportunities may include the use of Contractor's Equipment, Temporary Works, access arrangements which are the responsibility of the Contractor, and/or other Contractor's facilities or services on the Site.

The Contractor shall be responsible for the Contractor's construction activities on the Site, and shall use all reasonable endeavours to co-ordinate these activities with those of other contractors to the extent (if any) stated in the Specification or as instructed by the Engineer.

If the Contractor suffers delay and/or incurs Cost as a result of an instruction under this Sub-Clause, to the extent (if any) that co-operation, allowance of opportunities and coordination was Unforeseeable having regard to that stated in the Specification, the Contractor shall be entitled subject to Sub-Clause 20.2 [*Claims For Payment and/or EOT*] to EOT and/or payment of such Cost Plus Profit.

4.7**Setting Out**

The Contractor shall set out the Works in relation to the items of reference under Sub-Clause 2.5 [*Site Data and Items of Reference*].

4.7.1 Accuracy

The Contractor shall:

- (a) verify the accuracy of all these items of reference before they are used for the Works;
- (b) promptly deliver the results of each verification to the Engineer;
- (c) rectify any error in the positions, levels, dimensions or alignment of the Works; and
- (d) be responsible for the correct positioning of all parts of the Works.

4.7.2 Errors

If the Contractor finds an error in any items of reference, the Contractor shall give a Notice to the Engineer describing it:

- (a) within the period stated in the Contract Data (if not stated, 28 days) calculated from the Commencement Date, if the items of reference are specified on the Drawings and/or in the Specification; or
- (b) as soon as practicable after receiving the items of reference, if they are issued by the Engineer under Sub-Clause 2.5 [*Site Data and Items of Reference*].

4.7.3 Agreement or Determination of rectification measures, delay and/or Cost

After receiving a Notice from the Contractor under Sub-Clause 4.7.2

[*Errors*], the Engineer shall proceed under Sub-Clause 3.7 [*Agreement or Determination*] to agree or determine:

- (a) whether or not there is an error in the items of reference;
- (b) whether or not (taking account of cost and time) an experienced contractor exercising due care would have discovered such an error
 - when examining the Site, the Drawings and the Specification before submitting the Tender; or
 - if the items of reference are specified on the Drawings and/or in the Specification and the Contractor's Notice is given after the expiry of the period stated in sub-paragraph (a) of Sub-Clause 4.7.2; and
- (c) what measures (if any) the Contractor is required to take to rectify the error

(and, for the purpose of Sub-Clause 3.7.3 [*Time limits*], the date the Engineer receives the Contractor's Notice under Sub-Clause 4.7.2 [*Errors*] shall be the date of commencement of the time limit for agreement under Sub-Clause 3.7.3).

If, under sub-paragraph (b) above, an experienced contractor would not have discovered the error:

- (i) Sub-Clause 13.3.1 [*Variation by Instruction*] shall apply to the measures that the Contractor is required to take (if any); and
- (ii) if the Contractor suffers delay and/or incurs Cost as a result of the error, the Contractor shall be entitled subject to Sub-Clause 20.2 [*Claims For Payment and/or EOT*] to EOT and/or payment of such Cost Plus Profit.

4.8

Health and Safety Obligations

The Contractor shall:

- (a) comply with all applicable health and safety regulations and Laws;
- (b) comply with all applicable health and safety obligations specified in the Contract;
- (c) comply with all directives issued by the Contractor's health and safety officer (appointed under Sub-Clause 6.7 [*Health and Safety of Personnel*]);
- (d) take care of the health and safety of all persons entitled to be on the Site and other places (if any) where the Works are being executed;
- (e) keep the Site, Works (and the other places (if any) where the Works are being executed) clear of unnecessary obstruction so as to avoid danger to these persons;
- (f) provide fencing, lighting, safe access, guarding and watching of:
 - (i) the Works, until the Works are taken over under Clause 10 [*Employer's Taking Over*]; and
 - (ii) any part of the Works where the Contractor is executing outstanding works or remedying any defects during the DNP; and
- (g) provide any Temporary Works (including roadways, footways, guards and fences) which may be necessary, because of the execution of the Works, for the use and protection of the public and of owners and occupiers of adjacent land and property.

Within 21 days of the Commencement Date and before commencing any

construction on the Site, the Contractor shall submit to the Engineer for information a health and safety manual which has been specifically prepared for the Works, the Site and other places (if any) where the Contractor intends to execute the Works. This manual shall be in addition to any other similar document required under applicable health and safety regulations and Laws.

The health and safety manual shall set out all the health and safety requirements:

- (i) stated in the Specification;
- (ii) that comply with all the Contractor's health and safety obligations under the Contract; and
- (iii) that are necessary to effect and maintain a healthy and safe working environment for all persons entitled to be on the Site and other places (if any) where the Works are being executed.

This manual shall be revised as necessary by the Contractor or the Contractor's health and safety officer, or at the reasonable request of the Engineer. Each revision of the manual shall be submitted promptly to the Engineer.

In addition to the reporting requirement of sub-paragraph (g) of Sub-Clause 4.20 [*Progress Reports*], the Contractor shall submit to the Engineer details of any accident as soon as practicable after its occurrence and, in the case of an accident causing serious injury or death, shall inform the Engineer immediately.

The Contractor shall, as stated in the Specification and as the Engineer may reasonably require, maintain records and make reports (in compliance with the applicable health and safety regulations and Laws) concerning the health and safety of persons and any damage to property.

4.9

Quality Management and Compliance Verification Systems

4.9.1 Quality Management System

The Contractor shall prepare and implement a QM System to demonstrate compliance with the requirements of the Contract. The QM System shall be specifically prepared for the Works and submitted to the Engineer within 28 days of the Commencement Date. Thereafter, whenever the QM System is updated or revised, a copy shall promptly be submitted to the Engineer.

The QM System shall be in accordance with the details stated in the Specification (if any) and shall include the Contractor's procedures:

- (a) to ensure that all Notices and other communications under Sub-Clause 1.3 [*Notices and Other Communications*], Contractor's Documents, as-built records (if applicable), operation and maintenance manuals (if applicable), and contemporary records can be traced, with full certainty, to the Works, Goods, work, workmanship or test to which they relate;
- (b) to ensure proper coordination and management of interfaces between the stages of execution of the Works, and between Subcontractors; and
- (c) for the submission of Contractor's Documents to the Engineer for Review.



The Engineer may Review the QM System and may give a Notice to the Contractor stating the extent to which it does not comply with the Contract. Within 14 days after receiving this Notice, the Contractor shall revise the QM System to rectify such non-compliance. If the Engineer does not give such a Notice within 21 days of the date of submission of the QM System, the Engineer shall be deemed to have given a Notice of No-objection.

The Engineer may, at any time, give a Notice to the Contractor stating the extent to which the Contractor is failing to correctly implement the QM System to the Contractor's activities under the Contract. After receiving this Notice, the Contractor shall immediately remedy such failure.

The Contractor shall carry out internal audits of the QM System regularly, and at least once every 6 months. The Contractor shall submit to the Engineer a report listing the results of each internal audit within 7 days of completion. Each report shall include, where appropriate, the proposed measures to improve and/or rectify the QM System and/or its implementation.

If the Contractor is required by the Contractor's quality assurance certification to be subject to external audit, the Contractor shall immediately give a Notice to the Engineer describing any failing(s) identified in any external audit. If the Contractor is a JV, this obligation shall apply to each member of the JV.

4.9.2 Compliance Verification System

The Contractor shall prepare and implement a Compliance Verification System to demonstrate that the design (if any), Materials, Employer-Supplied Materials (if any), Plant, work and workmanship comply in all respects with the Contract.

The Compliance Verification System shall be in accordance with the details stated in the Specification (if any) and shall include a method for reporting the results of all inspections and tests carried out by the Contractor. In the event that any inspection or test identifies a non-compliance with the Contract, Sub-Clause 7.5 [*Defects and Rejection*] shall apply.

The Contractor shall prepare and submit to the Engineer a complete set of compliance verification documentation for the Works or Section (as the case may be), fully compiled and collated in the manner described in the Specification or, if not so described, in a manner acceptable to the Engineer.

4.9.3 General provision

Compliance with the QM System and/or Compliance Verification System shall not relieve the Contractor from any duty, obligation or responsibility under or in connection with the Contract.

4.10

Use of Site Data

The Contractor shall be responsible for interpreting all data referred to under Sub-Clause 2.5 [*Site Data and Items of Reference*].

To the extent which was practicable (taking account of cost and time), the Contractor shall be deemed to have obtained all necessary information as to risks, contingencies and other circumstances which may influence or affect the Tender or Works. To the same extent, the Contractor shall be deemed to have inspected and examined the Site, access to the Site, its surroundings, the above data and other available information, and to have been satisfied before submitting the Tender as to all matters relevant to the execution of the Works, including:

- (a) the form and nature of the Site, including sub-surface conditions;
- (b) the hydrological and climatic conditions, and the effects of climatic conditions at the Site;
- (c) the extent and nature of the work and Goods necessary for the execution of the Works;
- (d) the Laws, procedures and labour practices of the Country; and
- (e) the Contractor's requirements for access, accommodation, facilities, personnel, power, transport, water and any other utilities or services.

4.11

Sufficiency of the Accepted Contract Amount

The Contractor shall be deemed to:

- (a) have satisfied himself/herself as to the correctness and sufficiency of the Accepted Contract Amount; and
- (b) have based the Accepted Contract Amount on the data, interpretations, necessary information, inspections, examinations and satisfaction as to all relevant matters described in Sub-Clause 4.10 [*Use of Site Data*].

Unless otherwise stated in the Contract, the Accepted Contract Amount shall be deemed to cover all the Contractor's obligations under the Contract and all things necessary for the proper execution of the Works in accordance with the Contract.

4.12

Unforeseeable Physical Conditions

In this Sub-Clause, "physical conditions" means natural physical conditions and physical obstructions (natural or man-made) and pollutants, which the Contractor encounters at the Site during execution of the Works, including sub-surface and hydrological conditions but excluding climatic conditions at the Site and the effects of those climatic conditions.

If the Contractor encounters physical conditions which the Contractor considers to have been Unforeseeable and that will have an adverse effect on the progress and/or increase the Cost of the execution of the Works, the following procedure shall apply:

4.12.1 Contractor's Notice

After discovery of such physical conditions, the Contractor shall give a Notice to the Engineer, which shall:

- (a) be given as soon as practicable and in good time to give the Engineer opportunity to inspect and investigate the physical conditions promptly and before they are disturbed;
- (b) describe the physical conditions, so that they can be inspected and/or investigated promptly by the Engineer;
- (c) set out the reasons why the Contractor considers the physical conditions to be Unforeseeable; and
- (d) describe the manner in which the physical conditions will have an adverse effect on the progress and/or increase the Cost of the execution of the Works.

4.12.2 Engineer's inspection and investigation

The Engineer shall inspect and investigate the physical conditions within



7 days, or a longer period agreed with the Contractor, after receiving the Contractor's Notice.

The Contractor shall continue execution of the Works, using such proper and reasonable measures as are appropriate for the physical conditions and to enable the Engineer to inspect and investigate them.

4.12.3 Engineer's instructions

The Contractor shall comply with any instructions which the Engineer may give for dealing with the physical conditions and, if such an instruction constitutes a Variation, Sub-Clause 13.3.1 [*Variation by Instruction*] shall apply.

4.12.4 Delay and/or Cost

If and to the extent that the Contractor suffers delay and/or incurs Cost due to these physical conditions, having complied with Sub-Clauses 4.12.1 to 4.12.3 above, the Contractor shall be entitled subject to Sub-Clause 20.2 [*Claims For Payment and/or EOT*] to EOT and/or payment of such Cost.

4.12.5 Agreement or Determination of Delay and/or Cost

The agreement or determination, under Sub-Clause 20.2.5 [*Agreement or determination of the Claim*], of any Claim under Sub-Clause 4.12.4 [*Delay and/or Cost*] shall include consideration of whether and (if so) to what extent the physical conditions were Unforeseeable.

The Engineer may also review whether other physical conditions in similar parts of the Works (if any) were more favourable than could reasonably have been foreseen by the Base Date. If and to the extent that these more favourable conditions were encountered, the Engineer may take account of the reductions in Cost which were due to these conditions in calculating the additional Cost to be agreed or determined under this Sub-Clause 4.12.5. However, the net effect of all additions and reductions under this Sub-Clause 4.12.5 shall not result in a net reduction in the Contract Price.

The Engineer may take account of any evidence of the physical conditions foreseen by the Contractor by the Base Date, which the Contractor may include in the supporting particulars for the Claim under Sub-Clause 20.2.4 [*Fully detailed Claim*], but shall not be bound by any such evidence.

4.13

Rights of Way and Facilities

The Contractor shall bear all costs and charges for special and/or temporary rights-of-way which may be required for the purposes of the Works, including those for access to the Site.

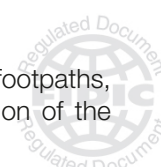
The Contractor shall also obtain, at the Contractor's risk and cost, any additional facilities outside the Site which may be required for the purposes of the Works.

4.14

Avoidance of Interference

The Contractor shall not interfere unnecessarily or improperly with:

- (a) the convenience of the public; or
- (b) the access to and use and occupation of all roads and footpaths, irrespective of whether they are public or in the possession of the Employer or of others.



The Contractor shall indemnify and hold the Employer harmless against and from all damages, losses and expenses (including legal fees and expenses) resulting from any such unnecessary or improper interference.

4.15

Access Route

The Contractor shall be deemed to have been satisfied, at the Base Date, as to the suitability and availability of the access routes to the Site. The Contractor shall take all necessary measures to prevent any road or bridge from being damaged by the Contractor's traffic or by the Contractor's Personnel. These measures shall include the proper use of appropriate vehicles (conforming to legal load and width limits (if any) and any other restrictions) and routes.

Except as otherwise stated in these Conditions:

- (a) the Contractor shall (as between the Parties) be responsible for repair of any damage caused to, and any maintenance which may be required for the Contractor's use of, access routes;
- (b) the Contractor shall provide all necessary signs or directions along access routes, and shall obtain any permissions or permits which may be required from the relevant authorities, for the Contractor's use of routes, signs and directions;
- (c) the Employer shall not be responsible for any third party claims which may arise from the Contractor's use or otherwise of any access route;
- (d) the Employer does not guarantee the suitability or availability of particular access routes; and
- (e) all Costs due to non-suitability or non-availability, for the use required by the Contractor, of access routes shall be borne by the Contractor.

To the extent that non-suitability or non-availability of an access route arises as a result of changes to that access route by the Employer or a third party after the Base Date and as a result the Contractor suffers delay and/or incurs Cost, the Contractor shall be entitled subject to Sub-Clause 20.2 [*Claims For Payment and/or EOT*] to EOT and/or payment of such Cost.

4.16

Transport of Goods

The Contractor shall:

- (a) give a Notice to the Engineer not less than 21 days before the date on which any Plant, or a major item of other Goods (as stated in the Specification), will be delivered to the Site;
- (b) be responsible for packing, loading, transporting, receiving, unloading, storing and protecting all Goods and other things required for the Works;
- (c) be responsible for customs clearance, permits, fees and charges related to the import, transport and handling of all Goods, including all obligations necessary for their delivery to the Site; and
- (d) indemnify and hold the Employer harmless against and from all damages, losses and expenses (including legal fees and expenses) resulting from the import, transport and handling of all Goods, and shall negotiate and pay all third party claims arising from their import, transport and handling.

4.17

Contractor's Equipment

The Contractor shall be responsible for all Contractor's Equipment. When brought on to the Site, Contractor's Equipment shall be deemed to be exclusively intended for the execution of the Works. The Contractor shall

not remove from the Site any major items of Contractor's Equipment without the Engineer's consent. However, consent shall not be required for vehicles transporting Goods or Contractor's Personnel off Site.

In addition to any Notice given under Sub-Clause 4.16 [*Transport of Goods*], the Contractor shall give a Notice to the Engineer of the date on which any major item of Contractor's Equipment has been delivered to the Site. This Notice shall be given within 7 days of the delivery date, shall identify whether the item of Contractor's Equipment is owned by the Contractor or a Subcontractor or another person and, if rented or leased, shall identify the rental or leasing entity.

4.18

Protection of the Environment

The Contractor shall take all necessary measures to:

- (a) protect the environment (both on and off the Site);
- (b) comply with the environmental impact statement for the Works (if any); and
- (c) limit damage and nuisance to people and property resulting from pollution, noise and other results of the Contractor's operations and/or activities.

The Contractor shall ensure that emissions, surface discharges, effluent and any other pollutants from the Contractor's activities shall exceed neither the values indicated in the Specification, nor those prescribed by applicable Laws.

4.19

Temporary Utilities

The Contractor shall, except as stated below, be responsible for the provision of all temporary utilities, including electricity, gas, telecommunications, water and any other services the Contractor may require for the execution of the Works.

The following provisions of this Sub-Clause shall only apply if, as stated in the Specification, the Employer is to provide utilities for the Contractor's use. The Contractor shall be entitled to use, for the purposes of the Works, the utilities on the Site for which details and prices are given in the Specification. The Contractor shall, at the Contractor's risk and cost, provide any apparatus necessary for the Contractor's use of these services and for measuring the quantities consumed. The apparatus provided for measuring quantities consumed shall be subject to the Engineer's consent. The quantities consumed (if any) during each period of payment stated in the Contract Data (if not stated, each month) shall be measured by the Contractor, and the amount to be paid by the Contractor for such quantities (at the prices stated in the Specification) shall be included in the relevant Statement.

4.20

Progress Reports

Monthly progress reports, in the format stated in the Specification (if not stated, in a format acceptable to the Engineer) shall be prepared by the Contractor and submitted to the Engineer. Each progress report shall be submitted in one paper-original, one electronic copy and additional paper copies (if any) as stated in the Contract Data. The first report shall cover the period up to the end of the first month following the Commencement Date. Reports shall be submitted monthly thereafter, each within 7 days after the last day of the month to which it relates.

Reporting shall continue until the Date of Completion of the Works or, if outstanding work is listed in the Taking-Over Certificate, the date on which such outstanding work is completed. Unless otherwise stated in the Specification, each progress report shall include:

- (a) charts, diagrams and detailed descriptions of progress, including each stage of (design by the Contractor, if any) Contractor's Documents, procurement, manufacture, delivery to Site, construction, erection and testing;
- (b) photographs and/or video recordings showing the status of manufacture and of progress on and off the Site;
- (c) for the manufacture of each main item of Plant and Materials, the name of the manufacturer, manufacture location, percentage progress, and the actual or expected dates of:
 - (i) commencement of manufacture,
 - (ii) Contractor's inspections,
 - (iii) tests, and
 - (iv) shipment and arrival at the Site;
- (d) the details described in Sub-Clause 6.10 [*Contractor's Records*];
- (e) copies of quality management documents, inspection reports, test results, and compliance verification documentation (including certificates of Materials);
- (f) a list of Variations, and any Notices given (by either Party) under Sub-Clause 20.2.1 [*Notice of Claim*];
- (g) health and safety statistics, including details of any hazardous incidents and activities relating to environmental aspects and public relations; and
- (h) comparisons of actual and planned progress, with details of any events or circumstances which may adversely affect the completion of the Works in accordance with the Programme and the Time for Completion, and the measures being (or to be) adopted to overcome delays.

However, nothing stated in any progress report shall constitute a Notice under a Sub-Clause of these Conditions.

4.21

Security of the Site

The Contractor shall be responsible for the security of the Site, and:

- (a) for keeping unauthorised persons off the Site; and
- (b) authorised persons shall be limited to the Contractor's Personnel, the Employer's Personnel, and to any other personnel identified as authorised personnel (including the Employer's other contractors on the Site), by a Notice from the Employer or the Engineer to the Contractor.

4.22

Contractor's Operations on Site

The Contractor shall confine the Contractor's operations to the Site, and to any additional areas which may be obtained by the Contractor and acknowledged by the Engineer as working areas. The Contractor shall take all necessary precautions to keep Contractor's Equipment and Contractor's Personnel within the Site and these additional areas, and to keep them off adjacent land.



At all times, the Contractor shall keep the Site free from all unnecessary obstruction, and shall properly store or remove from the Site any Contractor's Equipment (subject to 4.17 [*Contractor's Equipment*]) and/or surplus materials. The Contractor shall promptly clear away and remove from the Site any wreckage, rubbish, hazardous waste and Temporary Works which are no longer required.

Promptly after the issue of a Taking-Over Certificate, the Contractor shall clear away and remove, from that part of the Site and Works to which the Taking-Over Certificate refers, all Contractor's Equipment, surplus material, wreckage, rubbish, hazardous waste and Temporary Works. The Contractor shall leave that part of the Site and the Works in a clean and safe condition. However, the Contractor may retain at locations on the Site agreed with the Engineer, during the DNP, such Goods as are required for the Contractor to fulfil obligations under the Contract.

4.23

Archaeological and Geological Findings

All fossils, coins, articles of value or antiquity, and structures and other remains or items of geological or archaeological interest found on the Site shall be placed under the care and authority of the Employer. The Contractor shall take all reasonable precautions to prevent Contractor's Personnel or other persons from removing or damaging any of these findings.

The Contractor shall, as soon as practicable after discovery of any such finding, give a Notice to the Engineer in good time to give the Engineer opportunity to promptly inspect and/or investigate the finding before it is disturbed. This Notice shall describe the finding and the Engineer shall issue instructions for dealing with it.

If the Contractor suffers delay and/or incurs Cost from complying with the Engineer's instructions, the Contractor shall be entitled subject to Sub-Clause 20.2 [*Claims For Payment and/or EOT*] to EOT and/or payment of such Cost.

5 Subcontracting

5.1

Subcontractors

The Contractor shall not subcontract:

- (a) works with a total accumulated value greater than the percentage of the Accepted Contract Amount stated in the Contract Data (if not stated, the whole of the Works); or
- (b) any part of the Works for which subcontracting is not permitted as stated in the Contract Data.

The Contractor shall be responsible for the work of all Subcontractors, for managing and coordinating all the Subcontractors' works, and for the acts or defaults of any Subcontractor, any Subcontractor's agents or employees, as if they were the acts or defaults of the Contractor.

The Contractor shall obtain the Engineer's prior consent to all proposed Subcontractors, except:

- (i) suppliers of Materials; or
- (ii) a subcontract for which the Subcontractor is named in the Contract.



Where the Contractor is required to obtain the Engineer's consent to a proposed Subcontractor, the Contractor shall submit the name, address, detailed particulars and relevant experience of such a Subcontractor and the work intended to be subcontracted to the Engineer and further information which the Engineer may reasonably require. If the Engineer does not respond within 14 days after receiving this submission (or further information if requested), by giving a Notice objecting to the proposed Subcontractor, the Engineer shall be deemed to have given his/her consent.

The Contractor shall give a Notice to the Engineer not less than 28 days before the intended date of the commencement of each Subcontractor's work, and of the commencement of such work on the Site.

5.2

Nominated Subcontractors

5.2.1 Definition of "nominated Subcontractor"

In this Sub-Clause, "nominated Subcontractor" means a Subcontractor named as such in the Specification or whom the Engineer, under Sub-Clause 13.4 [*Provisional Sums*], instructs the Contractor to employ as a Subcontractor.

5.2.2 Objection to Nomination

The Contractor shall not be under any obligation to employ a nominated Subcontractor whom the Engineer instructs and against whom the Contractor raises reasonable objection by giving a Notice to the Engineer, with detailed supporting particulars, no later than 14 days after receiving the Engineer's instruction. An objection shall be deemed reasonable if it arises from (among other things) any of the following matters, unless the Employer agrees to indemnify the Contractor against and from the consequences of the matter:

- (a) there are reasons to believe that the Subcontractor does not have sufficient competence, resources or financial strength;
- (b) the subcontract does not specify that the nominated Subcontractor shall indemnify the Contractor against and from any negligence or misuse of Goods by the nominated Subcontractor, the nominated Subcontractor's agents and employees; or
- (c) the subcontract does not specify that, for the subcontracted work (including design, if any), the nominated Subcontractor shall:
 - (i) undertake to the Contractor such obligations and liabilities as will enable the Contractor to discharge the Contractor's corresponding obligations and liabilities under the Contract, and
 - (ii) indemnify the Contractor against and from all obligations and liabilities arising under or in connection with the Contract and from the consequences of any failure by the Subcontractor to perform these obligations or to fulfil these liabilities.

5.2.3 Payments to nominated Subcontractors

The Contractor shall pay to the nominated Subcontractor the amounts due in accordance with the subcontract. These amounts plus other charges shall be included in the Contract Price in accordance with sub-paragraph (b) of Sub-Clause 13.4 [*Provisional Sums*], except as stated in Sub-Clause 5.2.4 [*Evidence of Payments*].

5.2.4 Evidence of Payments

Before issuing a Payment Certificate which includes an amount payable to a nominated Subcontractor, the Engineer may request the Contractor to supply reasonable evidence that the nominated Subcontractor has received all amounts due in accordance with the previous Payment Certificates, less applicable deductions for retention or otherwise. Unless the Contractor:

- (a) submits this reasonable evidence to the Engineer, or
- (b) (i) satisfies the Engineer in writing that the Contractor is reasonably entitled to withhold or refuse to pay these amounts, and
(ii) submits to the Engineer reasonable evidence that the nominated Subcontractor has been notified of the Contractor's entitlement,

then the Employer may (at the Employer's sole discretion) pay, directly to the nominated Subcontractor, part or all of such amounts previously certified (less applicable deductions) as are due to the nominated Subcontractor and for which the Contractor has failed to submit the evidence described in sub-paragraphs (a) or (b) above.

Thereafter, the Engineer shall give a Notice to the Contractor stating the amount paid directly to the nominated Subcontractor by the Employer and, in the next IPC after this Notice, shall include this amount as a deduction under sub-paragraph (b) of Sub-Clause 14.6.1 [*The IPC*].

6 Staff and Labour

6.1

Engagement of Staff and Labour

Except as otherwise stated in the Specification, the Contractor shall make arrangements for the engagement of all Contractor's Personnel, and for their payment, accommodation, feeding, transport and welfare.

6.2

Rates of Wages and Conditions of Labour

The Contractor shall pay rates of wages, and observe conditions of labour, which comply with all applicable Laws and are not lower than those established for the trade or industry where the work is carried out.

If no established rates or conditions are applicable, the Contractor shall pay rates of wages and observe conditions which are not lower than the general level of wages and conditions observed locally by employers whose trade or industry is similar to that of the Contractor.

6.3

Recruitment of Persons

The Contractor shall not recruit, or attempt to recruit, staff and labour from amongst the Employer's Personnel.

Neither the Employer nor the Engineer shall recruit, or attempt to recruit, staff and labour from amongst the Contractor's Personnel.

6.4

Labour Laws

The Contractor shall comply with all the relevant labour Laws applicable to the Contractor's Personnel, including Laws relating to their employment (including wages and working hours), health, safety, welfare, immigration and emigration, and shall allow them all their legal rights.

The Contractor shall require the Contractor's Personnel to obey all applicable Laws, including those concerning health and safety at work.

6.5

Working Hours

No work shall be carried out on the Site on locally recognised days of rest, or outside the normal working hours stated in the Contract Data, unless:

- (a) otherwise stated in the Contract;
- (b) the Engineer gives consent; or
- (c) the work is unavoidable or necessary for the protection of life or property or for the safety of the Works, in which case the Contractor shall immediately give a Notice to the Engineer with reasons and describing the work required.

6.6

Facilities for Staff and Labour

Except as otherwise stated in the Specification, the Contractor shall provide and maintain all necessary accommodation and welfare facilities for the Contractor's Personnel.

If such accommodation and facilities are to be located on the Site, except where the Employer has given the Contractor prior permission, they shall be located within the areas identified in the Contract. If any such accommodation or facilities are found elsewhere within the Site, the Contractor shall immediately remove them at the Contractor's risk and cost. The Contractor shall also provide facilities for the Employer's Personnel as stated in the Specification.

6.7

Health and Safety of Personnel

In addition to the requirements of Sub-Clause 4.8 [*Health and Safety Obligations*], the Contractor shall at all times take all necessary precautions to maintain the health and safety of the Contractor's Personnel. In collaboration with local health authorities, the Contractor shall ensure that:

- (a) medical staff, first aid facilities, sick bay, ambulance services and any other medical services stated in the Specification are available at all times at the Site and at any accommodation for Contractor's and Employer's Personnel; and
- (b) suitable arrangements are made for all necessary welfare and hygiene requirements and for the prevention of epidemics.

The Contractor shall appoint a health and safety officer at the Site, responsible for maintaining health, safety and protection against accidents. This officer shall:

- (i) be qualified, experienced and competent for this responsibility; and
- (ii) have the authority to issue directives for the purpose of maintaining the health and safety of all personnel authorised to enter and/or work on the Site and to take protective measures to prevent accidents.

Throughout the execution of the Works, the Contractor shall provide whatever is required by this person to exercise this responsibility and authority.

6.8

Contractor's Superintendence

From the Commencement Date until the issue of the Performance Certificate, the Contractor shall provide all necessary superintendence to plan, arrange, direct, manage, inspect, test and monitor the execution of the Works.

Superintendence shall be given by a sufficient number of persons:

- (a) who are fluent in or have adequate knowledge of the language for communications (defined in Sub-Clause 1.4 [*Law and Language*]); and
- (b) who have adequate knowledge of the operations to be carried out (including the methods and techniques required, the hazards likely to be encountered and methods of preventing accidents),

for the satisfactory and safe execution of the Works.

6.9

Contractor's Personnel

The Contractor's Personnel (including Key Personnel, if any) shall be appropriately qualified, skilled, experienced and competent in their respective trades or occupations.

The Engineer may require the Contractor to remove (or cause to be removed) any person employed on the Site or Works, including the Contractor's Representative and Key Personnel (if any), who:

- (a) persists in any misconduct or lack of care;
- (b) carries out duties incompetently or negligently;
- (c) fails to comply with any provision of the Contract;
- (d) persists in any conduct which is prejudicial to safety, health, or the protection of the environment;
- (e) is found, based on reasonable evidence, to have engaged in corrupt, fraudulent, collusive or coercive practice; or
- (f) has been recruited from the Employer's Personnel in breach of Sub-Clause 6.3 [*Recruitment of Persons*].

If appropriate, the Contractor shall then promptly appoint (or cause to be appointed) a suitable replacement. In the case of replacement of the Contractor's Representative, Sub-Clause 4.3 [*Contractor's Representative*] shall apply. In the case of replacement of Key Personnel (if any), Sub-Clause 6.12 [*Key Personnel*] shall apply.

6.10

Contractor's Records

Unless otherwise proposed by the Contractor and agreed by the Engineer, in each progress report under Sub-Clause 4.20 [*Progress Reports*], the Contractor shall include records of:

- (a) occupations and actual working hours of each class of Contractor's Personnel;
- (b) the type and actual working hours of each of the Contractor's Equipment;
- (c) the types of Temporary Works used;
- (d) the types of Plant installed in the Permanent Works; and
- (e) the quantities and types of Materials used

for each work activity shown in the Programme, at each work location and for each day of work.

6.11

Disorderly Conduct

The Contractor shall at all times take all necessary precautions to prevent any unlawful, riotous or disorderly conduct by or amongst the Contractor's Personnel, and to preserve peace and protection of persons and property on and near the Site.

6.12

Key Personnel

If no Key Personnel are stated in the Specification this Sub-Clause shall not apply.

The Contractor shall appoint the natural persons named in the Tender to the positions of Key Personnel. If not so named, or if an appointed person fails to act in the relevant position of Key Personnel, the Contractor shall submit to the Engineer for consent the name and particulars of another person the Contractor proposes to appoint to such position. If consent is withheld or subsequently revoked, the Contractor shall similarly submit the name and particulars of a suitable replacement for such position.

If the Engineer does not respond within 14 days after receiving any such submission, by giving a Notice stating his/her objection to the appointment of such person (or replacement) with reasons, the Engineer shall be deemed to have given his/her consent.

The Contractor shall not, without the Engineer's prior consent, revoke the appointment of any of the Key Personnel or appoint a replacement (unless the person is unable to act as a result of death, illness, disability or resignation, in which case the appointment shall be deemed to have been revoked with immediate effect and the appointment of a replacement shall be treated as a temporary appointment until the Engineer gives his/her consent to this replacement, or another replacement is appointed, under this Sub-Clause).

All Key Personnel shall be based at the Site (or, where Works are being executed off the Site, at the location of the Works) for the whole time that the Works are being executed. If any of the Key Personnel is to be temporarily absent during execution of the Works, a suitable replacement shall be temporarily appointed, subject to the Engineer's prior consent.

All Key Personnel shall be fluent in the language for communications defined in Sub-Clause 1.4 [*Law and Language*].

7

Plant, Materials and Workmanship

7.1

Manner of Execution

The Contractor shall carry out the manufacture, supply, installation, testing and commissioning and/or repair of Plant, the production, manufacture, supply and testing of Materials, and all other operations and activities during the execution of the Works:

- (a) in the manner (if any) specified in the Contract;
- (b) in a proper workmanlike and careful manner, in accordance with recognised good practice; and
- (c) with properly equipped facilities and non-hazardous Materials, except as otherwise specified in the Contract.

7.2

Samples

The Contractor shall submit the following samples of Materials, and relevant information, to the Engineer for consent prior to using the Materials in or for the Works:

- (a) manufacturer's standard samples of Materials and samples specified in the Contract, all at the Contractor's cost, and



- (b) additional samples instructed by the Engineer as a Variation.

Each sample shall be labelled as to origin and intended use in the Works.

7.3

Inspection

The Employer's Personnel shall, during all the normal working hours stated in the Contract Data and at all other reasonable times:

- (a) have full access to all parts of the Site and to all places from which natural Materials are being obtained;
- (b) during production, manufacture and construction (at the Site and elsewhere), be entitled to:
 - (i) examine, inspect, measure and test (to the extent stated in the Specification) the Materials, Plant and workmanship,
 - (ii) check the progress of manufacture of Plant and production and manufacture of Materials, and
 - (iii) make records (including photographs and/or video recordings); and
- (c) carry out other duties and inspections, as specified in these Conditions and the Specification.

The Contractor shall give the Employer's Personnel full opportunity to carry out these activities, including providing safe access, facilities, permissions and safety equipment.

The Contractor shall give a Notice to the Engineer whenever any Materials, Plant or work is ready for inspection, and before it is to be covered up, put out of sight, or packaged for storage or transport. The Employer's Personnel shall then either carry out the examination, inspection, measurement or testing without unreasonable delay, or the Engineer shall promptly give a Notice to the Contractor that the Employer's Personnel do not require to do so. If the Engineer gives no such Notice and/or the Employer's Personnel do not attend at the time stated in the Contractor's Notice (or such time as may be agreed with the Contractor), the Contractor may proceed with covering up, putting out of sight or packaging for storage or transport.

If the Contractor fails to give a Notice in accordance with this Sub-Clause, the Contractor shall, if and when required by the Engineer, uncover the work and thereafter reinstate and make good, all at the Contractor's risk and cost.

7.4

Testing by the Contractor

This Sub-Clause shall apply to all tests specified in the Contract, other than the Tests after Completion (if any).

The Contractor shall provide all apparatus, assistance, documents and other information, temporary supplies of electricity and water, equipment, fuel, consumables, instruments, labour, materials, and suitably qualified, experienced and competent staff, as are necessary to carry out the specified tests efficiently and properly. All apparatus, equipment and instruments shall be calibrated in accordance with the standards stated in the Specification or defined by applicable Laws and, if requested by the Engineer, the Contractor shall submit calibration certificates before carrying out testing.

The Contractor shall give a Notice to the Engineer, stating the time and place for the specified testing of any Plant, Materials and other parts of the Works. This Notice shall be given in reasonable time, having regard to the location of the testing, for the Employer's Personnel to attend.

The Engineer may, under Clause 13 [*Variations and Adjustments*], vary the location or timing or details of specified tests, or instruct the Contractor to carry out additional tests. If these varied or additional tests show that the tested Plant, Materials or workmanship is not in accordance with the Contract, the Cost and any delay incurred in carrying out this Variation shall be borne by the Contractor.

The Engineer shall give a Notice to the Contractor of not less than 72 hours of his/her intention to attend the tests. If the Engineer does not attend at the time and place stated in the Contractor's Notice under this Sub-Clause, the Contractor may proceed with the tests, unless otherwise instructed by the Engineer. These tests shall then be deemed to have been made in the Engineer's presence. If the Contractor suffers delay and/or incurs Cost from complying with any such instruction or as a result of a delay for which the Employer is responsible, the Contractor shall be entitled subject to Sub-Clause 20.2 [*Claims For Payment and/or EOT*] to EOT and/or payment of Cost Plus Profit.

If the Contractor causes any delay to specified tests (including varied or additional tests) and such delay causes the Employer to incur costs, the Employer shall be entitled subject to Sub-Clause 20.2 [*Claims For Payment and/or EOT*] to payment of these costs by the Contractor.

The Contractor shall promptly forward to the Engineer duly certified reports of the tests. When the specified tests have been passed, the Engineer shall endorse the Contractor's test certificate, or issue a test certificate to the Contractor, to that effect. If the Engineer has not attended the tests, he/she shall be deemed to have accepted the readings as accurate.

Sub-Clause 7.5 [*Defects and Rejection*] shall apply in the event that any Plant, Materials and other parts of the Works fails to pass a specified test.

7.5

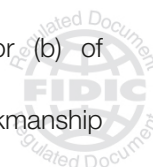
Defects and Rejection

If, as a result of an examination, inspection, measurement or testing, any Plant, Materials, Contractor's design (if any) or workmanship is found to be defective or otherwise not in accordance with the Contract, the Engineer shall give a Notice to the Contractor describing the item of Plant, Materials, design or workmanship that has been found to be defective. The Contractor shall then promptly prepare and submit a proposal for necessary remedial work.

The Engineer may Review this proposal, and may give a Notice to the Contractor stating the extent to which the proposed work, if carried out, would not result in the Plant, Materials, Contractor's design (if any) or workmanship complying with the Contract. After receiving such a Notice the Contractor shall promptly submit a revised proposal to the Engineer. If the Engineer gives no such Notice within 14 days after receiving the Contractor's proposal (or revised proposal), the Engineer shall be deemed to have given a Notice of No-objection.

If the Contractor fails to promptly submit a proposal (or revised proposal) for remedial work, or fails to carry out the proposed remedial work to which the Engineer has given (or is deemed to have given) a Notice of No-objection, the Engineer may:

- (a) instruct the Contractor under sub-paragraph (a) and/or (b) of Sub-Clause 7.6 [*Remedial Work*]; or
- (b) reject the Plant, Materials, Contractor's design (if any) or workmanship



by giving a Notice to the Contractor, with reasons, in which case sub-paragraph (a) of Sub-Clause 11.4 [*Failure to Remedy Defects*] shall apply.

After remedying defects in any Plant, Materials, design (if any) or workmanship, if the Engineer requires any such items to be retested, the tests shall be repeated in accordance with Sub-Clause 7.4 [*Testing by the Contractor*] at the Contractor's risk and cost. If the rejection and retesting cause the Employer to incur additional costs, the Employer shall be entitled subject to Sub-Clause 20.2 [*Claims For Payment and/or EOT*] to payment of these costs by the Contractor.

7.6

Remedial Work

In addition to any previous examination, inspection, measurement or testing, or test certificate or Notice of No-objection by the Engineer, at any time before the issue of the Taking-Over Certificate for the Works the Engineer may instruct the Contractor to:

- (a) repair or remedy (if necessary, off the Site), or remove from the Site and replace any Plant or Materials which are not in accordance with the Contract;
- (b) repair or remedy, or remove and re-execute, any other work which is not in accordance with the Contract; and
- (c) carry out any remedial work which is urgently required for the safety of the Works, whether because of an accident, unforeseeable event or otherwise.

The Contractor shall comply with the instruction as soon as practicable and not later than the time (if any) specified in the instruction, or immediately if urgency is specified under sub-paragraph (c) above.

The Contractor shall bear the cost of all remedial work required under this Sub-Clause, except to the extent that any work under sub-paragraph (c) above is attributable to:

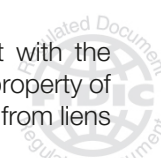
- (i) any act by the Employer or the Employer's Personnel. If the Contractor suffers delay and/or incurs Cost in carrying out such work, the Contractor shall be entitled subject to Sub-Clause 20.2 [*Claims For Payment and/or EOT*] to EOT and/or payment of such Cost Plus Profit; or
- (ii) an Exceptional Event, in which case Sub-Clause 18.4 [*Consequences of an Exceptional Event*] shall apply.

If the Contractor fails to comply with the Engineer's instruction, the Employer may (at the Employer's sole discretion) employ and pay other persons to carry out the work. Except to the extent that the Contractor would have been entitled to payment for work under this Sub-Clause, the Employer shall be entitled subject to Sub-Clause 20.2 [*Claims For Payment and/or EOT*] to payment by the Contractor of all costs arising from this failure. This entitlement shall be without prejudice to any other rights the Employer may have, under the Contract or otherwise.

7.7

Ownership of Plant and Materials

Each item of Plant and Materials shall, to the extent consistent with the mandatory requirements of the Laws of the Country, become the property of the Employer at whichever is the earlier of the following times, free from liens and other encumbrances:



- (a) when it is delivered to the Site;
- (b) when the Contractor is paid the value of the Plant and Materials under Sub-Clause 8.11 [*Payment for Plant and Materials after Employer's Suspension*]; or
- (c) when the Contractor is paid the amount determined for the Plant and Materials under Sub-Clause 14.5 [*Plant and Materials intended for the Works*].

7.8

Royalties

Unless otherwise stated in the Specification, the Contractor shall pay all royalties, rents and other payments for:

- (a) natural Materials obtained from outside the Site, and
- (b) the disposal of material from demolitions and excavations and of other surplus material (whether natural or man-made), except to the extent that disposal areas within the Site are stated in the Specification.

8 Commencement, Delays and Suspension

8.1

Commencement of Works

The Engineer shall give a Notice to the Contractor stating the Commencement Date, not less than 14 days before the Commencement Date. Unless otherwise stated in the Particular Conditions, the Commencement Date shall be within 42 days after the Contractor receives the Letter of Acceptance.

The Contractor shall commence the execution of the Works on, or as soon as is reasonably practicable after, the Commencement Date and shall then proceed with the Works with due expedition and without delay.

8.2

Time for Completion

The Contractor shall complete the whole of the Works, and each Section (if any), within the Time for Completion for the Works or Section (as the case may be), including completion of all work which is stated in the Contract as being required for the Works or Section to be considered to be completed for the purposes of taking over under Sub-Clause 10.1 [*Taking Over the Works and Sections*].

8.3

Programme

The Contractor shall submit an initial programme for the execution of the Works to the Engineer within 28 days after receiving the Notice under Sub-Clause 8.1 [*Commencement of Works*]. This programme shall be prepared using programming software stated in the Specification (if not stated, the programming software acceptable to the Engineer). The Contractor shall also submit a revised programme which accurately reflects the actual progress of the Works, whenever any programme ceases to reflect actual progress or is otherwise inconsistent with the Contractor's obligations.

The initial programme and each revised programme shall be submitted to the Engineer in one paper copy, one electronic copy and additional paper copies (if any) as stated in the Contract Data, and shall include:

- (a) the Commencement Date and the Time for Completion, of the Works and of each Section (if any);
- (b) the date right of access to and possession of (each part of) the Site is to be given to the Contractor in accordance with the time (or times)

- stated in the Contract Data. If not so stated, the dates the Contractor requires the Employer to give right of access to and possession of (each part of) the Site;
- (c) the order in which the Contractor intends to carry out the Works, including the anticipated timing of each stage of design (if any), preparation and submission of Contractor's Documents, procurement, manufacture, inspection, delivery to Site, construction, erection, installation, work to be undertaken by any nominated Subcontractor (as defined in Sub-Clause 5.2 [*Nominated Subcontractors*]) and testing;
 - (d) the Review periods for any submissions stated in the Specification or required under these Conditions;
 - (e) the sequence and timing of inspections and tests specified in, or required by, the Contract;
 - (f) for a revised programme: the sequence and timing of the remedial work (if any) to which the Engineer has given a Notice of No-objection under Sub-Clause 7.5 [*Defects and Rejection*] and/or the remedial work (if any) instructed under Sub-Clause 7.6 [*Remedial Work*];
 - (g) all activities (to the level of detail stated in the Specification), logically linked and showing the earliest and latest start and finish dates for each activity, the float (if any), and the critical path(s);
 - (h) the dates of all locally recognised days of rest and holiday periods (if any);
 - (i) all key delivery dates of Plant and Materials;
 - (j) for a revised programme and for each activity: the actual progress to date, any delay to such progress and the effects of such delay on other activities (if any); and
 - (k) a supporting report which includes:
 - (i) a description of all the major stages of the execution of the Works;
 - (ii) a general description of the methods which the Contractor intends to adopt in the execution of the Works;
 - (iii) details showing the Contractor's reasonable estimate of the number of each class of Contractor's Personnel, and of each type of Contractor's Equipment, required on the Site, for each major stage of the execution of the Works;
 - (iv) if a revised programme, identification of any significant change(s) to the previous programme submitted by the Contractor; and
 - (v) the Contractor's proposals to overcome the effects of any delay(s) on progress of the Works.

The Engineer shall Review the initial programme and each revised programme submitted by the Contractor and may give a Notice to the Contractor stating the extent to which it does not comply with the Contract or ceases to reflect actual progress or is otherwise inconsistent with the Contractor's obligations. If the Engineer gives no such Notice:

- within 21 days after receiving the initial programme; or
- within 14 days after receiving a revised programme

the Engineer shall be deemed to have given a Notice of No-objection and the initial programme or revised programme (as the case may be) shall be the Programme.

The Contractor shall proceed in accordance with the Programme, subject to the Contractor's other obligations under the Contract. The Employer's Personnel shall be entitled to rely on the Programme when planning their activities.

Nothing in any programme, the Programme or any supporting report shall be taken as, or relieve the Contractor of any obligation to give, a Notice under the Contract.

If, at any time, the Engineer gives a Notice to the Contractor that the Programme fails (to the extent stated) to comply with the Contract or ceases to reflect actual progress or is otherwise inconsistent with the Contractor's obligations, the Contractor shall within 14 days after receiving this Notice submit a revised programme to the Engineer in accordance with this Sub-Clause.

8.4

Advance Warning

Each Party shall advise the other and the Engineer, and the Engineer shall advise the Parties, in advance of any known or probable future events or circumstances which may:

- (a) adversely affect the work of the Contractor's Personnel;
- (b) adversely affect the performance of the Works when completed;
- (c) increase the Contract Price; and/or
- (d) delay the execution of the Works or a Section (if any).

The Engineer may request the Contractor to submit a proposal under Sub-Clause 13.3.2 [*Variation by Request for Proposal*] to avoid or minimise the effects of such event(s) or circumstance(s).

8.5

Extension of Time for Completion

The Contractor shall be entitled subject to Sub-Clause 20.2 [*Claims For Payment and/or EOT*] to Extension of Time if and to the extent that completion for the purposes of Sub-Clause 10.1 [*Taking Over the Works and Sections*] is or will be delayed by any of the following causes:

- (a) a Variation (except that there shall be no requirement to comply with Sub-Clause 20.2 [*Claims For Payment and/or EOT*]);
- (b) a cause of delay giving an entitlement to EOT under a Sub-Clause of these Conditions;
- (c) exceptionally adverse climatic conditions, which for the purpose of these Conditions shall mean adverse climatic conditions at the Site which are Unforeseeable having regard to climatic data made available by the Employer under Sub-Clause 2.5 [Site Data and Items of Reference] and/or climatic data published in the Country for the geographical location of the Site;
- (d) Unforeseeable shortages in the availability of personnel or Goods (or Employer-Supplied Materials, if any) caused by epidemic or governmental actions; or
- (e) any delay, impediment or prevention caused by or attributable to the Employer, the Employer's Personnel, or the Employer's other contractors on the Site.

The Contractor shall be entitled subject to Sub-Clause 20.2 [*Claims For Payment and/or EOT*] to EOT if the measured quantity of any item of work in accordance with Clause 12 [*Measurement and Valuation*] is greater than the estimated quantity of this item in the Bill of Quantities or other Schedule by more than ten per cent (10%) and such increase in quantities causes a delay to completion for the purposes of Sub-Clause 10.1 [*Taking Over the Works and Sections*]. The agreement or determination of any such Claim, under Sub-Clause 20.2.5 [*Agreement or determination of the Claim*], may include a review by the Engineer of measured quantities of other items of work which are significantly less (by

more than 10%) than the corresponding estimated quantities in the Bill of Quantities or other Schedule. To the extent that there are such lesser measured quantities, the Engineer may take account of any favourable effect on the critical path of the Programme. However, the net effect of all such consideration shall not result in a net reduction in the Time for Completion

When determining each EOT under Sub-Clause 20.2 [*Claims For Payment and/or EOT*], the Engineer shall review previous determinations under Sub-Clause 3.7 [*Agreement or Determination*] and may increase, but shall not decrease, the total EOT.

If a delay caused by a matter which is the Employer's responsibility is concurrent with a delay caused by a matter which is the Contractor's responsibility, the Contractor's entitlement to EOT shall be assessed in accordance with the rules and procedures stated in the Special Provisions (if not stated, as appropriate taking due regard of all relevant circumstances).

8.6

Delays Caused by Authorities

If:

- (a) the Contractor has diligently followed the procedures laid down by the relevant legally constituted public authorities or private utility entities in the Country;
- (b) these authorities or entities delay or disrupt the Contractor's work; and
- (c) the delay or disruption was Unforeseeable,

then this delay or disruption will be considered as a cause of delay under sub-paragraph (b) of Sub-Clause 8.5 [*Extension of Time for Completion*].

8.7

Rate of Progress

If, at any time:

- (a) actual progress is too slow to complete the Works or a Section (if any) within the relevant Time for Completion; and/or
- (b) progress has fallen (or will fall) behind the Programme (or the initial programme if it has not yet become the Programme) under Sub-Clause 8.3 [*Programme*],

other than as a result of a cause listed in Sub-Clause 8.5 [*Extension of Time for Completion*], then the Engineer may instruct the Contractor to submit, under Sub-Clause 8.3 [*Programme*], a revised programme describing the revised methods which the Contractor proposes to adopt in order to expedite progress and complete the Works or a Section (if any) within the relevant Time for Completion.

Unless the Engineer gives a Notice to the Contractor stating otherwise, the Contractor shall adopt these revised methods, which may require increases in the working hours and/or in the numbers of Contractor's Personnel and/or the Goods, at the Contractor's risk and cost. If these revised methods cause the Employer to incur additional costs, the Employer shall be entitled subject to Sub-Clause 20.2 [*Claims For Payment and/or EOT*] to payment of these costs by the Contractor, in addition to Delay Damages (if any).

Sub-Clause 13.3.1 [*Variation by Instruction*] shall apply to revised methods, including acceleration measures, instructed by the Engineer to reduce delays resulting from causes listed under Sub-Clause 8.5 [*Extension of Time for Completion*].

8.8

Delay Damages

If the Contractor fails to comply with Sub-Clause 8.2 [*Time for Completion*], the Employer shall be entitled subject to Sub-Clause 20.2 [*Claims For Payment and/or EOT*] to payment of Delay Damages by the Contractor for this default. Delay Damages shall be the amount stated in the Contract Data, which shall be paid for every day which shall elapse between the relevant Time for Completion and the relevant Date of Completion of the Works or Section. The total amount due under this Sub-Clause shall not exceed the maximum amount of Delay Damages (if any) stated in the Contract Data.

These Delay Damages shall be the only damages due from the Contractor for the Contractor's failure to comply with Sub-Clause 8.2 [*Time for Completion*], other than in the event of termination under Sub-Clause 15.2 [*Termination for Contractor's Default*] before completion of the Works. These Delay Damages shall not relieve the Contractor from the obligation to complete the Works, or from any other duties, obligations or responsibilities which the Contractor may have under or in connection with the Contract.

This Sub-Clause shall not limit the Contractor's liability for Delay Damages in any case of fraud, gross negligence, deliberate default or reckless misconduct by the Contractor.

8.9

Employer's Suspension

The Engineer may at any time instruct the Contractor to suspend progress of part or all of the Works, which instruction shall state the date and cause of the suspension.

During such suspension, the Contractor shall protect, store and secure such part or all of the Works (as the case may be) against any deterioration, loss or damage.

To the extent that the cause of such suspension is the responsibility of the Contractor, Sub-Clauses 8.10 [*Consequences of Employer's Suspension*], 8.11 [*Payment for Plant and Materials after Employer's Suspension*] and 8.12 [*Prolonged Suspension*] shall not apply.

8.10

Consequences of Employer's Suspension

If the Contractor suffers delay and/or incurs Cost from complying with an Engineer's instruction under Sub-Clause 8.9 [*Employer's Suspension*] and/or from resuming the work under Sub-Clause 8.13 [*Resumption of Work*], the Contractor shall be entitled subject to Sub-Clause 20.2 [*Claims For Payment and/or EOT*] to EOT and/or payment of such Cost Plus Profit.

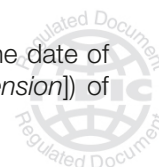
The Contractor shall not be entitled to EOT, or to payment of the Cost incurred, in making good:

- (a) the consequences of the Contractor's faulty or defective (design, if any) workmanship, Plant or Materials; and/or
- (b) any deterioration, loss or damage caused by the Contractor's failure to protect, store or secure in accordance with Sub-Clause 8.9 [*Employer's Suspension*].

8.11

Payment for Plant and Materials after Employer's Suspension

The Contractor shall be entitled to payment of the value (as at the date of suspension instructed under Sub-Clause 8.9 [*Employer's Suspension*]) of Plant and/or Materials which have not been delivered to Site, if:



- (a) the work on Plant, or delivery of Plant and/or Materials, has been suspended for more than 28 days and
 - (i) the Plant and/or Materials were scheduled, in accordance with the Programme, to have been completed and ready for delivery to the Site during the suspension period; and
 - (ii) the Contractor provides the Engineer with reasonable evidence that the Plant and/or Materials comply with the Contract; and
- (b) the Contractor has marked the Plant and/or Materials as the Employer's property in accordance with the Engineer's instructions.

8.12

Prolonged Suspension

If the suspension under Sub-Clause 8.9 [*Employer's Suspension*] has continued for more than 84 days, the Contractor may give a Notice to the Engineer requesting permission to proceed.

If the Engineer does not give a Notice under Sub-Clause 8.13 [*Resumption of Work*] within 28 days after receiving the Contractor's Notice under this Sub-Clause, the Contractor may either:

- (a) agree to a further suspension, in which case the Parties may agree the EOT and/or Cost Plus Profit (if the Contractor incurs Cost), and/or payment for suspended Plant and/or Materials, arising from the total period of suspension;

or (and if the Parties fail to reach agreement under this sub-paragraph (a))

- (b) after giving a (second) Notice to the Engineer, treat the suspension as an omission of the affected part of the Works (as if it had been instructed under Sub-Clause 13.3.1 [*Variation by Instruction*]) with immediate effect including release from any further obligation to protect, store and secure under Sub-Clause 8.9 [*Employer's Suspension*]. If the suspension affects the whole of the Works, the Contractor may give a Notice of termination under Sub-Clause 16.2 [*Termination by Contractor*].

8.13

Resumption of Work

The Contractor shall resume work as soon as practicable after receiving a Notice from the Engineer to proceed with the suspended work.

At the time stated in this Notice (if not stated, immediately after the Contractor receives this Notice), the Contractor and the Engineer shall jointly examine the Works and the Plant and Materials affected by the suspension. The Engineer shall record any deterioration, loss, damage or defect in the Works or Plant or Materials which has occurred during the suspension and shall provide this record to the Contractor. The Contractor shall promptly make good all such deterioration, loss, damage or defect so that the Works, when completed, shall comply with the Contract.

9

Tests on Completion

9.1

Contractor's Obligations

The Contractor shall carry out the Tests on Completion in accordance with this Clause and Sub-Clause 7.4 [*Testing by the Contractor*], after submitting the documents under Sub-Clause 4.4.2 [*As-Built Records*] (if applicable) and Sub-Clause 4.4.3 [*Operation and Maintenance Manuals*] (if applicable).

The Contractor shall submit to the Engineer, not less than 42 days before the date the Contractor intends to commence the Tests on Completion, a detailed test programme showing the intended timing and resources required for these tests.

The Engineer may Review the proposed test programme and may give a Notice to the Contractor stating the extent to which it does not comply with the Contract. Within 14 days after receiving this Notice, the Contractor shall revise the test programme to rectify such non-compliance. If the Engineer gives no such Notice within 14 days after receiving the test programme (or revised test programme), the Engineer shall be deemed to have given a Notice of No-objection. The Contractor shall not commence the Tests on Completion until a Notice of No-objection is given (or is deemed to have been given) by the Engineer.

In addition to any date(s) shown in the test programme, the Contractor shall give a Notice to the Engineer, of not less than 21 days, of the date after which the Contractor will be ready to carry out each of the Tests on Completion. The Contractor shall commence the Tests on Completion within 14 days after this date, or on such day or days as the Engineer shall instruct, and shall proceed in accordance with the Contractor's test programme to which the Engineer has given (or is deemed to have given) a Notice of No-objection.

As soon as the Works or Section have, in the Contractor's opinion, passed the Tests on Completion, the Contractor shall submit a certified report of the results of these tests to the Engineer. The Engineer shall Review such a report and may give a Notice to the Contractor stating the extent to which the results of the tests do not comply with the Contract. If the Engineer does not give such a Notice within 14 days after receiving the results of the tests, the Engineer shall be deemed to have given a Notice of No-objection.

In considering the results of the Tests on Completion, the Engineer shall make allowances for the effect of any use of (any part of) the Works by the Employer on the performance or other characteristics of the Works.

9.2

Delayed Tests

If the Contractor has given a Notice under Sub-Clause 9.1 [*Contractor's Obligations*] that the Works or Section (as the case may be) are ready for Tests on Completion, and these tests are unduly delayed by the Employer's Personnel or by a cause for which the Employer is responsible, Sub-Clause 10.3 [*Interference with Tests on Completion*] shall apply.

If the Tests on Completion are unduly delayed by the Contractor, the Engineer may by giving a Notice to the Contractor require the Contractor to carry out the tests within 21 days after receiving the Notice. The Contractor shall carry out the tests on such day or days within this period of 21 days as the Contractor may fix, for which the Contractor shall give a prior Notice to the Engineer of not less than 7 days.

If the Contractor fails to carry out the Tests on Completion within this period of 21 days:

- (a) after a second Notice is given by the Engineer to the Contractor, the Employer's Personnel may proceed with the tests;
- (b) the Contractor may attend and witness these tests;
- (c) within 28 days of these tests being completed, the Engineer shall send a copy of the test results to the Contractor; and



- (d) if the Employer incurs additional costs as a result of such testing, the Employer shall be entitled subject to Sub-Clause 20.2 [*Claims For Payment and/or EOT*] to payment by the Contractor of the costs reasonably incurred.

Whether or not the Contractor attends, these Tests on Completion shall be deemed to have been carried out in the presence of the Contractor and the results of these tests shall be accepted as accurate.

9.3

Retesting

If the Works, or a Section, fail to pass the Tests on Completion, Sub-Clause 7.5 [*Defects and Rejection*] shall apply. The Engineer or the Contractor may require these failed tests, and the Tests on Completion on any related work, to be repeated under the same terms and conditions. Such repeated tests shall be treated as Tests on Completion for the purposes of this Clause.

9.4

Failure to Pass Tests on Completion

If the Works, or a Section, fail to pass the Tests on Completion repeated under Sub-Clause 9.3 [*Retesting*], the Engineer shall be entitled to:

- (a) order further repetition of Tests on Completion under Sub-Clause 9.3 [*Retesting*];
- (b) reject the Works if the effect of the failure is to deprive the Employer of substantially the whole benefit of the Works in which event the Employer shall have the same remedies as are provided in sub-paragraph (d) of Sub-Clause 11.4 [*Failure to Remedy Defects*];
- (c) reject the Section if the effect of the failure is that the Section cannot be used for its intended purpose(s) under the Contract, in which event the Employer shall have the same remedy as is provided in sub-paragraph (c) of Sub-Clause 11.4 [*Failure to Remedy Defects*]; or
- (d) issue a Taking-Over Certificate, if the Employer so requests.

In the event of sub-paragraph (d) above, the Contractor shall then proceed in accordance with all other obligations under the Contract, and the Employer shall be entitled subject to Sub-Clause 20.2 [*Claims For Payment and/or EOT*] to payment by the Contractor or a reduction in the Contract Price as described under sub-paragraph (b) of Sub-Clause 11.4 [*Failure to Remedy Defects*], respectively. This entitlement shall be without prejudice to any other rights the Employer may have, under the Contract or otherwise.

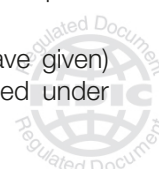
10 Employer's Taking Over

10.1

Taking Over the Works and Sections

Except as stated in Sub-Clause 9.4 [*Failure to Pass Tests on Completion*], Sub-Clause 10.2 [*Taking Over Parts*] and Sub-Clause 10.3 [*Interference with Tests on Completion*], the Works shall be taken over by the Employer when:

- (a) the Works have been completed in accordance with the Contract, including the passing of the Tests on Completion and except as allowed in sub-paragraph (i) below;
- (b) if applicable, the Engineer has given (or is deemed to have given) a Notice of No-objection to the as-built records submitted under Sub-Clause 4.4.2 [*As-Built Records*];



- (c) if applicable, the Engineer has given (or is deemed to have given) a Notice of No-objection to the operation and maintenance manuals under Sub-Clause 4.4.3 [*Operation and Maintenance Manuals*];
- (d) if applicable, the Contractor has carried out the training as described under Sub-Clause 4.5 [*Training*]; and
- (e) a Taking-Over Certificate for the Works has been issued, or is deemed to have been issued in accordance with this Sub-Clause.

The Contractor may apply for a Taking-Over Certificate by giving a Notice to the Engineer not more than 14 days before the Works will, in the Contractor's opinion, be complete and ready for taking over. If the Works are divided into Sections, the Contractor may similarly apply for a Taking-Over Certificate for each Section.

If any Part of the Works is taken over under Sub-Clause 10.2 [*Taking Over Parts*], the remaining Works or Section shall not be taken over until the conditions described in sub-paragraphs (a) to (e) above (where applicable) have been fulfilled.

The Engineer shall, within 28 days after receiving the Contractor's Notice, either:

- (i) issue the Taking-Over Certificate to the Contractor, stating the date on which the Works or Section were completed in accordance with the Contract, except for any minor outstanding work and defects (as listed in the Taking-Over Certificate) which will not substantially affect the safe use of the Works or Section for their intended purpose (either until or whilst this work is completed and these defects are remedied); or
- (ii) reject the application by giving a Notice to the Contractor, with reasons. This Notice shall specify the work required to be done, the defects required to be remedied and/or the documents required to be submitted by the Contractor to enable the Taking-Over Certificate to be issued. The Contractor shall then complete this work, remedy such defects and/or submit such documents before giving a further Notice under this Sub-Clause.

If the Engineer does not issue the Taking-Over Certificate or reject the Contractor's application within this period of 28 days, and if the conditions described in sub-paragraphs (a) to (d) above (where applicable) have been fulfilled, the Works or Section shall be deemed to have been completed in accordance with the Contract on the fourteenth day after the Engineer receives the Contractor's Notice of application and the Taking-Over Certificate shall be deemed to have been issued.

10.2

Taking Over Parts

The Engineer may, at the sole discretion of the Employer, issue a Taking-Over Certificate for any part of the Permanent Works.

The Employer shall not use any part of the Works (other than as a temporary measure, which is either stated in the Specification or with the prior agreement of the Contractor) unless and until the Engineer has issued a Taking-Over Certificate for this part. However, if the Employer does use any part of the Works before the Taking-Over Certificate is issued the Contractor shall give a Notice to the Engineer identifying such part and describing such use, and:

- (a) that Part shall be deemed to have been taken over by the Employer as from the date on which it is used;



- (b) the Contractor shall cease to be liable for the care of such Part as from this date, when responsibility shall pass to the Employer; and
- (c) the Engineer shall immediately issue a Taking-Over Certificate for this Part, and any outstanding work to be completed (including Tests on Completion) and/or defects to be remedied shall be listed in this certificate.

After the Engineer has issued a Taking-Over Certificate for a Part, the Contractor shall be given the earliest opportunity to take such steps as may be necessary to carry out the outstanding work (including Tests on Completion) and/or remedial work for any defects listed in the certificate. The Contractor shall carry out these works as soon as practicable and, in any case, before the expiry date of the relevant DNP.

If the Contractor incurs Cost as a result of the Employer taking over and/or using a Part, the Contractor shall be entitled subject to Sub-Clause 20.2 [*Claims For Payment and/or EOT*] to payment of such Cost Plus Profit.

If the Engineer issues a Taking-Over Certificate for any part of the Works, or if the Employer is deemed to have taken over a Part under sub-paragraph (a) above, for any period of delay after the date under sub-paragraph (a) above, the Delay Damages for completion of the remainder of the Works shall be reduced. Similarly, the Delay Damages for the remainder of the Section (if any) in which this Part is included shall also be reduced. This reduction shall be calculated as the proportion which the value of the Part (except the value of any outstanding works and/or defects to be remedied) bears to the value of the Works or Section (as the case may be) as a whole. The Engineer shall proceed under Sub-Clause 3.7 [*Agreement or Determination*] to agree or determine this reduction (and for the purpose of Sub-Clause 3.7.3 [*Time limits*], the date the Engineer receives the Contractor's Notice under this Sub-Clause shall be the date of commencement of the time limit for agreement under Sub-Clause 3.7.3). The provisions of this paragraph shall only apply to the daily rate of Delay Damages, and shall not affect the maximum amount of these damages.

10.3

Interference with Tests on Completion

If the Contractor is prevented, for more than 14 days (either a continuous period, or multiple periods which total more than 14 days), from carrying out the Tests on Completion by the Employer's Personnel or by a cause for which the Employer is responsible:

- (a) the Contractor shall give a Notice to the Engineer describing such prevention;
- (b) the Employer shall be deemed to have taken over the Works or Section (as the case may be) on the date when the Tests on Completion would otherwise have been completed; and
- (c) the Engineer shall immediately issue a Taking-Over Certificate for the Works or Section (as the case may be).

After the Engineer has issued this Taking-Over Certificate, the Contractor shall carry out the Tests on Completion as soon as practicable and, in any case, before the expiry date of the DNP. The Engineer shall give a Notice to the Contractor, of not less than 14 days, of the date after which the Contractor may carry out each of the Tests on Completion. Thereafter, Sub-Clause 9.1 [*Contractor's Obligations*] shall apply.

If the Contractor suffers delay and/or incurs Cost as a result of being prevented from carrying out the Tests on Completion, the Contractor shall be entitled subject to Sub-Clause 20.2 [*Claims For Payment and/or EOT*] to EOT and/or payment of such Cost Plus Profit.

10.4

Surfaces Requiring

Reinstatement

Except as otherwise stated in the Taking-Over Certificate, a certificate for a Section or Part of the Works shall not be deemed to certify completion of any ground or other surfaces requiring reinstatement.

11 Defects after Taking Over

11.1

Completion of Outstanding Work and Remedying Defects

In order that the Works and Contractor's Documents, and each Section and/or Part, shall be in the condition required by the Contract (fair wear and tear excepted) by the expiry date of the relevant Defects Notification Period or as soon as practicable thereafter, the Contractor shall:

- (a) complete any work which is outstanding on the relevant Date of Completion, within the time(s) stated in the Taking-Over Certificate or such other reasonable time as is instructed by the Engineer; and
- (b) execute all work required to remedy defects or damage, of which a Notice is given to the Contractor by (or on behalf of) the Employer on or before the expiry date of the DNP for the Works or Section or Part (as the case may be).

If a defect appears (including if the Works fail to pass the Tests after Completion, if any) or damage occurs during the relevant DNP, a Notice shall be given to the Contractor accordingly, by (or on behalf of) the Employer. Promptly thereafter:

- (i) the Contractor and the Employer's Personnel shall jointly inspect the defect or damage;
- (ii) the Contractor shall then prepare and submit a proposal for necessary remedial work; and
- (iii) the second, third and fourth paragraphs of Sub-Clause 7.5 [*Defects and Rejection*] shall apply.

11.2

Cost of Remedying Defects

All work under sub-paragraph (b) of Sub-Clause 11.1 [*Completion of Outstanding Work and Remedying Defects*] shall be executed at the risk and cost of the Contractor, if and to the extent that the work is attributable to:

- (a) design (if any) of the Works for which the Contractor is responsible;
- (b) Plant, Materials or workmanship not being in accordance with the Contract;
- (c) improper operation or maintenance which was attributable to matters for which the Contractor is responsible (under Sub-Clauses 4.4.2 [*As-Built Records*], Sub-Clause 4.4.3 [*Operation and Maintenance Manuals*] and/or Sub-Clause 4.5 [*Training*] (where applicable) or otherwise); or

- (d) failure by the Contractor to comply with any other obligation under the Contract.

If the Contractor considers that the work is attributable to any other cause, the Contractor shall promptly give a Notice to the Engineer and the Engineer shall proceed under Sub-Clause 3.7 [*Agreement or Determination*] to agree or determine the cause (and, for the purpose of Sub-Clause 3.7.3 [*Time limits*], the date of this Notice shall be the date of commencement of the time limit for agreement under Sub-Clause 3.7.3). If it is agreed or determined that the work is attributable to a cause other than those listed above, Sub-Clause 13.3.1 [*Variation by Instruction*] shall apply as if such work had been instructed by the Engineer.

11.3

Extension of Defects Notification Period

The Employer shall be entitled to an extension of the DNP for the Works, or a Section or a Part:

- (a) if and to the extent that the Works, Section, Part or a major item of Plant (as the case may be, and after taking over) cannot be used for the intended purpose(s) by reason of a defect or damage which is attributable to any of the matters under sub-paragraphs (a) to (d) of Sub-Clause 11.2 [*Cost of Remedying Defects*]; and
- (b) subject to Sub-Clause 20.2 [*Claims For Payment and/or EOT*].

However, a DNP shall not be extended by more than a period of two years after the expiry of the DNP stated in the Contract Data.

If delivery and/or erection of Plant and/or Materials was suspended under Sub-Clause 8.9 [*Employer's Suspension*] (other than where the cause of such suspension is the responsibility of the Contractor) or Sub-Clause 16.1 [*Suspension by Contractor*], the Contractor's obligations under this Clause shall not apply to any defects or damage occurring more than two years after the DNP for the Works, of which the Plant and/or Materials form part, would otherwise have expired.

11.4

Failure to Remedy Defects

If the remedying of any defect or damage under Sub-Clause 11.1 [*Completion of Outstanding Works and Remedying Defects*] is unduly delayed by the Contractor, a date may be fixed by (or on behalf of) the Employer, on or by which the defect or damage is to be remedied. A Notice of this fixed date shall be given to the Contractor by (or on behalf of) the Employer, which Notice shall allow the Contractor reasonable time (taking due regard of all relevant circumstances) to remedy the defect or damage.

If the Contractor fails to remedy the defect or damage by the date stated in this Notice and this remedial work was to be executed at the cost of the Contractor under Sub-Clause 11.2 [*Cost of Remedying Defects*], the Employer may (at the Employer's sole discretion):

- (a) carry out the work or have the work carried out by others (including any retesting), in the manner required under the Contract and at the Contractor's cost, but the Contractor shall have no responsibility for this work. The Employer shall be entitled subject to Sub-Clause 20.2 [*Claims For Payment and/or EOT*] to payment by the Contractor of the costs reasonably incurred by the Employer in remedying the defect or damage;

- (b) accept the damaged or defective work, in which case the Employer shall be entitled subject to Sub-Clause 20.2 [*Claims For Payment and/or EOT*] to a reduction in the Contract Price. The reduction shall be in full satisfaction of this failure only and shall be in the amount as shall be appropriate to cover the reduced value to the Employer as a result of this failure;
- (c) require the Engineer to treat any part of the Works which cannot be used for its intended purpose(s) under the Contract by reason of this failure as an omission, as if such omission had been instructed under Sub-Clause 13.3.1 [*Variation by Instruction*]; or
- (d) terminate the Contract as a whole with immediate effect (and Sub-Clause 15.2 [*Termination for Contractor's Default*] shall not apply) if the defect or damage deprives the Employer of substantially the whole benefit of the Works. The Employer shall then be entitled subject to Sub-Clause 20.2 [*Claims For Payment and/or EOT*] to recover from the Contractor all sums paid for the Works, plus financing charges and any costs incurred in dismantling the same, clearing the Site and returning Plant and Materials to the Contractor.

The exercise of discretion by the Employer under sub-paragraph (c) or (d) above shall be without prejudice to any other rights the Employer may have, under the Contract or otherwise.

11.5

Remedying of Defective Work off Site

If, during the DNP, the Contractor considers that any defect or damage in any Plant cannot be remedied expeditiously on the Site the Contractor shall give a Notice, with reasons, to the Employer requesting consent to remove the defective or damaged Plant off the Site for the purposes of repair. This Notice shall clearly identify each item of defective or damaged Plant, and shall give details of:

- (a) the defect or damage to be repaired;
- (b) the place to which defective or damaged Plant is to be taken for repair;
- (c) the transportation to be used (and insurance cover for such transportation);
- (d) the proposed inspections and testing off the Site;
- (e) the planned duration required before the repaired Plant shall be returned to the Site; and
- (f) the planned duration for reinstallation and retesting of the repaired Plant (under Sub-Clause 7.4 [*Testing by the Contractor*] and/or Clause 9 [*Tests on Completion*] if applicable).

The Contractor shall also provide any further details that the Employer may reasonably require.

When the Employer gives consent (which consent shall not relieve the Contractor from any obligation or responsibility under this Clause), the Contractor may remove from the Site such items of Plant as are defective or damaged. As a condition of this consent, the Employer may require the Contractor to increase the amount of the Performance Security by the full replacement cost of the defective or damaged Plant.

11.6

Further Tests after Remediating Defects

Within 7 days of completion of the work of remedying of any defect or damage, the Contractor shall give a Notice to the Engineer describing the remedied Works, Section, Part and/or Plant and the proposed repeated tests (under Clause 9 [*Tests on Completion*]). Within 7 days after receiving this Notice, the Engineer shall give a Notice to the Contractor either:

- (a) agreeing with such proposed testing; or
- (b) instructing the repeated tests that are necessary to demonstrate that the remedied Works, Section, Part and/or Plant comply with the Contract.

If the Contractor fails to give such a Notice within the 7 days, the Engineer may give a Notice to the Contractor, within 14 days after the defect or damage is remedied, instructing the repeated tests that are necessary to demonstrate that the remedied Works, Section, Part and/or Plant comply with the Contract.

All repeated tests under this Sub-Clause shall be carried out in accordance with the terms applicable to the previous tests, except that they shall be carried out at the risk and cost of the Party liable, under Sub-Clause 11.2 [*Cost of Remediating Defects*], for the cost of the remedial work.

11.7

Right of Access after Taking Over

Until the date 28 days after issue of the Performance Certificate, the Contractor shall have the right of access to the Works as is reasonably required in order to comply with this Clause, except as may be inconsistent with the Employer's reasonable security restrictions.

Whenever the Contractor intends to access any part of the Works during the relevant DNP:

- (a) the Contractor shall request access by giving a Notice to the Employer, describing the parts of the Works to be accessed, the reasons for such access, and the Contractor's preferred date for access. This Notice shall be given in reasonable time in advance of the preferred date for access, taking due regard of all relevant circumstances including the Employer's security restrictions; and
- (b) within 7 days after receiving the Contractor's Notice, the Employer shall give a Notice to the Contractor either:
 - (i) stating the Employer's consent to the Contractor's request; or
 - (ii) proposing reasonable alternative date(s), with reasons. If the Employer fails to give this Notice within the 7 days, the Employer shall be deemed to have given consent to the Contractor's access on the preferred date stated in the Contractor's Notice.

If the Contractor incurs additional Cost as a result of any unreasonable delay by the Employer in permitting access to the Works by the Contractor, the Contractor shall be entitled subject to Sub-Clause 20.2 [*Claims For Payment and/or EOT*] to payment of any such Cost Plus Profit.

11.8

Contractor to Search

The Contractor shall, if instructed by the Engineer, search for the cause of any defect, under the direction of the Engineer. The Contractor shall carry out the search on the date(s) stated in the Engineer's instruction or other date(s) agreed with the Engineer.

Unless the defect is to be remedied at the cost of the Contractor under Sub-Clause 11.2 [*Cost of Remedying Defects*], the Contractor shall be entitled subject to Sub-Clause 20.2 [*Claims For Payment and/or EOT*] to payment of the Cost Plus Profit of the search.

If the Contractor fails to carry out the search in accordance with this Sub-Clause, the search may be carried out by the Employer's Personnel. The Contractor shall be given a Notice of the date when such a search will be carried out and the Contractor may attend at the Contractor's own cost. If the defect is to be remedied at the cost of the Contractor under Sub-Clause 11.2 [*Cost of Remedying Defects*], the Employer shall be entitled subject to Sub-Clause 20.2 [*Claims For Payment and/or EOT*] to payment by the Contractor of the costs of the search reasonably incurred by the Employer.

11.9

Performance Certificate

Performance of the Contractor's obligations under the Contract shall not be considered to have been completed until the Engineer has issued the Performance Certificate to the Contractor, stating the date on which the Contractor fulfilled the Contractor's obligations under the Contract.

The Engineer shall issue the Performance Certificate to the Contractor (with a copy to the Employer and to the DAAB) within 28 days after the latest of the expiry dates of the Defects Notification Periods, or as soon thereafter as the Contractor has:

- (a) supplied all the Contractor's Documents; and
- (b) completed and tested all the Works (including remedying any defects) in accordance with the Contract.

If the Engineer fails to issue the Performance Certificate within this period of 28 days, the Performance Certificate shall be deemed to have been issued on the date 28 days after the date on which it should have been issued, as required by this Sub-Clause.

Only the Performance Certificate shall be deemed to constitute acceptance of the Works.

11.10

Unfulfilled Obligations

After the issue of the Performance Certificate, each Party shall remain liable for the fulfilment of any obligation which remains unperformed at that time. For the purposes of determining the nature and extent of unperformed obligations, the Contract shall be deemed to remain in force.

However in relation to Plant, the Contractor shall not be liable for any defects or damage occurring more than two years after expiry of the DNP for the Plant except if prohibited by law or in any case of fraud, gross negligence, deliberate default or reckless misconduct.

11.11

Clearance of Site

Promptly after the issue of the Performance Certificate, the Contractor shall:

- (a) remove any remaining Contractor's Equipment, surplus material, wreckage, rubbish and Temporary Works from the Site;
- (b) reinstate all parts of the Site which were affected by the Contractor's activities during the execution of the Works and are not occupied by the Permanent Works; and

- (c) leave the Site and the Works in the condition stated in the Specification (if not stated, in a clean and safe condition).

If the Contractor fails to comply with sub-paragraphs (a), (b) and/or (c) above within 28 days after the issue of the Performance Certificate, the Employer may sell (to the extent permitted by applicable Laws) or otherwise dispose of any remaining items and/or may reinstate and clean the Site (as may be necessary) at the Contractor's cost.

The Employer shall be entitled subject to Sub-Clause 20.2 [*Claims For Payment and/or EOT*] to payment by the Contractor of the costs reasonably incurred in connection with, or attributable to, such sale or disposal and reinstating and/or cleaning the Site, less an amount equal to the moneys from the sale (if any).

12

Measurement and Valuation

12.1

Works to be Measured

The Works shall be measured, and valued for payment, in accordance with this Clause.

Whenever the Engineer requires any part of the Works to be measured on Site, he/she shall give a Notice to the Contractor of not less than 7 days, of the part to be measured and the date on which and place on Site at which the measurement will be made. Unless otherwise agreed with the Contractor, the measurement on Site shall be made on this date and the Contractor's Representative shall:

- (a) either attend or send another qualified representative to assist the Engineer and to endeavour to reach agreement of the measurement, and
- (b) supply any particulars requested by the Engineer.

If the Contractor fails to attend or send a representative at the time and place stated in the Engineer's Notice (or otherwise agreed with the Contractor), the measurement made by (or on behalf of) the Engineer shall be deemed to have been made in the Contractor's presence and the Contractor shall be deemed to have accepted the measurement as accurate.

Any part of the Permanent Works that is to be measured from records shall be identified in the Specification and, except as otherwise stated in the Contract, such records shall be prepared by the Engineer. Whenever the Engineer has prepared the records for such a part, he/she shall give a Notice to the Contractor of not less than 7 days, stating the date on which and place at which the Contractor's Representative shall attend to examine and agree the records with the Engineer. If the Contractor fails to attend or send a representative at the time and place stated in the Engineer's Notice (or otherwise agreed with the Contractor), the Contractor shall be deemed to have accepted the records as accurate.

If, for any part of the Works, the Contractor attends the measurement on Site or examines the measurement records (as the case may be) but the Engineer and the Contractor are unable to agree the measurement, then the Contractor shall give a Notice to the Engineer setting out the reasons why the Contractor considers the measurement on Site or records are inaccurate. If the Contractor does not give such a Notice to the Engineer

within 14 days after attending the measurement on Site or examining the measurement records, the Contractor shall be deemed to have accepted the measurement as accurate.

After receiving a Contractor's Notice under this Sub-Clause, unless at that time such measurement is already subject to the last paragraph of Sub-Clause 13.3.1 [*Variation by Instruction*], the Engineer shall:

- proceed under Sub-Clause 3.7 [*Agreement or Determination*] to agree or determine the measurement; and
- for the purpose of Sub-Clause 3.7.3 [*Time limits*], the date on which the Engineer receives the Contractor's Notice shall be the date of commencement of the time limit for agreement under Sub-Clause 3.7.3.

Until such time as the measurement is agreed or determined, the Engineer shall assess a provisional measurement for the purposes of Interim Payment Certificates.

12.2

Method of Measurement

The method of measurement shall be as stated in the Contract Data or, if not so stated, that which shall be in accordance with the Bill of Quantities or other applicable Schedule(s).

Except as otherwise stated in the Contract, measurement shall be made of the net actual quantity of each item of the Permanent Works and no allowance shall be made for bulking, shrinkage or waste.

12.3

Valuation of the Works

Except as otherwise stated in the Contract, the Engineer shall value each item of work by applying the measurement agreed or determined in accordance with Sub-Clauses 12.1 [*Works to be Measured*] and 12.2 [*Method of Measurement*], and the appropriate rate or price for the item.

For each item of work, the appropriate rate or price for the item shall be the rate or price specified for such item in the Bill of Quantities or other Schedule or, if there is no such an item, specified for similar work.

Any item of work which is identified in the Bill of Quantities or other Schedule, but for which no rate or price is specified, shall be deemed to be included in other rates and prices in the Bill of Quantities or other Schedule(s).

A new rate or price shall be appropriate for an item of work if:

- (a) the item is not identified in, and no rate or price for this item is specified in, the Bill of Quantities or other Schedule and no specified rate or price is appropriate because the item of work is not of similar character, or is not executed under similar conditions, as any item in the Contract;
- (b)
 - (i) the measured quantity of the item is changed by more than 10% from the quantity of this item in the Bill of Quantities or other Schedule,
 - (ii) this change in quantity multiplied by the rate or price specified in the Bill of Quantities or other Schedule for this item exceeds 0.01% of the Accepted Contract Amount,
 - (iii) this change in quantity directly changes the Cost per unit quantity of this item by more than 1%, and



- (iv) this item is not specified in the Bill of Quantities or other Schedule as a “fixed rate item”, “fixed charge” or similar term referring to a rate or price which is not subject to adjustment for any change in quantity; and/or
- (c) the work is instructed under Clause 13 [Variations and Adjustments] and sub-paragraph (a) or (b) above applies.

Each new rate or price shall be derived from any relevant rates or prices specified in the Bill of Quantities or other Schedule, with reasonable adjustments to take account of the matters described in sub-paragraph (a), (b) and/or (c), as applicable. If no specified rates or prices are relevant for the derivation of a new rate or price, it shall be derived from the reasonable Cost of executing the work, together with the applicable percentage for profit stated in the Contract Data (if not stated, five percent (5%)), taking account of any other relevant matters.

If, for any item of work, the Engineer and the Contractor are unable to agree the appropriate rate or price, then the Contractor shall give a Notice to the Engineer setting out the reasons why the Contractor disagrees. After receiving a Contractor’s Notice under this Sub-Clause, unless at that time such rate or price is already subject to the last paragraph of Sub-Clause 13.3.1 [*Variation by Instruction*], the Engineer shall:

- proceed under Sub-Clause 3.7 [*Agreement or Determination*] to agree or determine the appropriate rate or price; and
- for the purpose of Sub-Clause 3.7.3 [*Time limits*], the date on which the Engineer receives the Contractor’s Notice shall be the date of commencement of the time limit for agreement under Sub-Clause 3.7.3.

Until such time as an appropriate rate or price is agreed or determined, the Engineer shall assess a provisional rate or price for the purposes of Interim Payment Certificates.

12.4

Omissions

Whenever the omission of any work forms part (or all) of a Variation;

- (a) the value of which has not otherwise been agreed;
- (b) the Contractor will incur (or has incurred) cost which, if the work had not been omitted, would have been deemed to be covered by a sum forming part of the Accepted Contract Amount;
- (c) the omission of the work will result (or has resulted) in this sum not forming part of the Contract Price; and
- (d) this cost is not deemed to be included in the valuation of any substituted work;

then the Contractor shall, in the Contractor’s proposal under sub-paragraph (c) of Sub-Clause 13.3.1 [*Variation by Instruction*], give details to the Engineer accordingly, with detailed supporting particulars.

13 Variations and Adjustments

13.1

Right to Vary

Variations may be initiated by the Engineer under Sub-Clause 13.3 [*Variation Procedure*] at any time before the issue of the Taking-Over Certificate for the Works.



Other than as stated under Sub-Clause 11.4 [*Failure to Remedy Defects*], a Variation shall not comprise the omission of any work which is to be carried out by the Employer or by others unless otherwise agreed by the Parties.

The Contractor shall be bound by each Variation instructed under Sub-Clause 13.3.1 [*Variation by Instruction*], and shall execute the Variation with due expedition and without delay, unless the Contractor promptly gives a Notice to the Engineer stating (with detailed supporting particulars) that:

- (a) the varied work was Unforeseeable having regard to the scope and nature of the Works described in the Specification;
- (b) the Contractor cannot readily obtain the Goods required for the Variation; or
- (c) it will adversely affect the Contractor's ability to comply with Sub-Clause 4.8 [*Health and Safety Obligations*] and/or Sub-Clause 4.18 [*Protection of the Environment*].

Promptly after receiving this Notice, the Engineer shall respond by giving a Notice to the Contractor cancelling, confirming or varying the instruction. Any instruction so confirmed or varied shall be taken as an instruction under Sub-Clause 13.3.1 [*Variation by instruction*].

Each Variation may include:

- (i) changes to the quantities of any item of work included in the Contract (however, such changes do not necessarily constitute a Variation);
- (ii) changes to the quality and other characteristics of any item of work;
- (iii) changes to the levels, positions and/or dimensions of any part of the Works;
- (iv) the omission of any work, unless it is to be carried out by others without the agreement of the Parties;
- (v) any additional work, Plant, Materials or services necessary for the Permanent Works, including any associated Tests on Completion, boreholes and other testing and exploratory work; or
- (vi) changes to the sequence or timing of the execution of the Works.

The Contractor shall not make any alteration to and/or modification of the Permanent Works, unless and until the Engineer instructs a Variation under Sub-Clause 13.3.1 [*Variation by Instruction*].

13.2

Value Engineering

The Contractor may, at any time, submit to the Engineer a written proposal which (in the Contractor's opinion) will, if adopted:

- (a) accelerate completion;
- (b) reduce the cost to the Employer of executing, maintaining or operating the Works;
- (c) improve the efficiency or value to the Employer of the completed Works; or
- (d) otherwise be of benefit to the Employer.

The proposal shall be prepared at the cost of the Contractor and shall include the details as stated in sub-paragraphs (a) to (c) of Sub-Clause 13.3.1 [*Variation by Instruction*].

The Engineer shall, as soon as practicable after receiving such a proposal, respond by giving a Notice to the Contractor stating his/her consent or

otherwise. The Engineer's consent or otherwise shall be at the sole discretion of the Employer. The Contractor shall not delay any work while awaiting a response.

If the Engineer gives his/her consent to the proposal, with or without comments, the Engineer shall then instruct a Variation. Thereafter, the Contractor shall submit any further particulars that the Engineer may reasonably require, and the last paragraph of Sub-Clause 13.3.1 [*Variation by Instruction*] shall apply which shall include consideration by the Engineer of the sharing (if any) of the benefit, costs and/or delay between the Parties stated in the Particular Conditions.

If a proposal under this Sub-Clause, to which the Engineer gives his/her consent, includes a change in the design of part of the Permanent Works, then unless otherwise agreed by both Parties:

- (i) the Contractor shall design this part at his/her cost; and
- (ii) sub-paragraphs (a) to (h) of Sub-Clause 4.1 [*Contractor's General Obligations*] shall apply.

13.3

Variation Procedure

Subject to Sub-Clause 13.1 [*Right to Vary*], Variations shall be initiated by the Engineer in accordance with either of the following procedures:

13.3.1 Variation by Instruction

The Engineer may instruct a Variation by giving a Notice (describing the required change and stating any requirements for the recording of Costs) to the Contractor in accordance with Sub-Clause 3.5 [*Engineer's Instructions*].

The Contractor shall proceed with execution of the Variation and shall within 28 days (or other period proposed by the Contractor and agreed by the Engineer) of receiving the Engineer's instruction, submit to the Engineer detailed particulars including:

- (a) a description of the varied work performed or to be performed, including details of the resources and methods adopted or to be adopted by the Contractor;
- (b) a programme for its execution and the Contractor's proposal for any necessary modifications (if any) to the Programme according to Sub-Clause 8.3 [*Programme*] and to the Time for Completion; and
- (c) the Contractor's proposal for adjustment to the Contract Price by valuing the Variation in accordance with Clause 12 [*Measurement and Valuation*], with supporting particulars (which shall include identification of any estimated quantities and, if the Contractor incurs or will incur Cost as a result of any necessary modification to the Time for Completion, shall show the additional payment (if any) to which the Contractor considers that the Contractor is entitled). If the Parties have agreed to the omission of any work which is to be carried out by others, the Contractor's proposal may also include the amount of any loss of profit and other losses and damages suffered (or to be suffered) by the Contractor as a result of the omission.

Thereafter, the Contractor shall submit any further particulars that the Engineer may reasonably require.

The Engineer shall then proceed under Sub-Clause 3.7 [*Agreement or Determination*] to agree or determine:



- (i) EOT, if any; and/or
- (ii) the adjustment to the Contract Price (including valuation of the Variation in accordance with Clause 12 [*Measurement and Valuation*] using measured quantities of the varied work)

(and, for the purpose of Sub-Clause 3.7.3 [*Time limits*], the date the Engineer receives the Contractor's submission (including any requested further particulars) shall be the date of commencement of the time limit for agreement under Sub-Clause 3.7.3). The Contractor shall be entitled to such EOT and/or adjustment to the Contract Price, without any requirement to comply with Sub-Clause 20.2 [*Claims For Payment and/or EOT*].

13.3.2 Variation by Request for Proposal

The Engineer may request a proposal, before instructing a Variation, by giving a Notice (describing the proposed change) to the Contractor.

The Contractor shall respond to this Notice as soon as practicable, by either:

- (a) submitting a proposal, which shall include the matters as described in sub-paragraphs (a) to (c) of Sub-Clause 13.3.1 [*Variation by Instruction*]; or
- (b) giving reasons why the Contractor cannot comply (if this is the case), by reference to the matters described in sub-paragraphs (a) to (c) of Sub-Clause 13.1 [*Right to Vary*].

If the Contractor submits a proposal, the Engineer shall, as soon as practicable after receiving it, respond by giving a Notice to the Contractor stating his/her consent or otherwise. The Contractor shall not delay any work whilst awaiting a response.

If the Engineer gives consent to the proposal, with or without comments, the Engineer shall then instruct the Variation. Thereafter, the Contractor shall submit any further particulars that the Engineer may reasonably require and the last paragraph of Sub-Clause 13.3.1 [*Variation by Instruction*] shall apply.

If the Engineer does not give consent to the proposal, with or without comments, and if the Contractor has incurred Cost as a result of submitting it, the Contractor shall be entitled subject to Sub-Clause 20.2 [*Claims For Payment and/or EOT*] to payment of such Cost.

13.4

Provisional Sums

Each Provisional Sum shall only be used, in whole or in part, in accordance with the Engineer's instructions, and the Contract Price shall be adjusted accordingly. The total sum paid to the Contractor shall include only such amounts for the work, supplies or services to which the Provisional Sum relates, as the Engineer shall have instructed.

For each Provisional Sum, the Engineer may instruct:

- (a) work to be executed (including Plant, Materials or services to be supplied) by the Contractor, and for which adjustments to the Contract Price shall be agreed or determined under Sub-Clause 13.3.1 [*Variation by Instruction*]; and/or
- (b) Plant, Materials, works or services to be purchased by the Contractor from a nominated Subcontractor (as defined in Sub-Clause 5.2 [*Nominated Subcontractors*]) or otherwise; and for which there shall be included in the Contract Price:

- (i) the actual amounts paid (or due to be paid) by the Contractor; and
- (ii) a sum for overhead charges and profit, calculated as a percentage of these actual amounts by applying the relevant percentage rate (if any) stated in the applicable Schedule. If there is no such rate, the percentage rate stated in the Contract Data shall be applied.

If the Engineer instructs the Contractor under sub-paragraph (a) and/or (b) above, this instruction may include a requirement for the Contractor to submit quotations from the Contractor's suppliers and/or subcontractors for all (or some) of the items of the work to be executed or Plant, Materials, works or services to be purchased. Thereafter, the Engineer may respond by giving a Notice either instructing the Contractor to accept one of these quotations (but such an instruction shall not be taken as an instruction under Sub-Clause 5.2 [*Nominated Subcontractors*]) or revoking the instruction. If the Engineer does not so respond within 7 days of receiving the quotations, the Contractor shall be entitled to accept any of these quotations at the Contractor's discretion.

Each Statement that includes a Provisional Sum shall also include all applicable invoices, vouchers and accounts or receipts in substantiation of the Provisional Sum.

13.5

Daywork

If a Daywork Schedule is not included in the Contract, this Sub-Clause shall not apply.

For work of a minor or incidental nature, the Engineer may instruct that a Variation shall be executed on a daywork basis. The work shall then be valued in accordance with the Daywork Schedule, and the following procedure shall apply.

Before ordering Goods for such work (other than any Goods priced in the Daywork Schedule), the Contractor shall submit one or more quotations from the Contractor's suppliers and/or subcontractors to the Engineer. Thereafter, the Engineer may instruct the Contractor to accept one of these quotations (but such an instruction shall not be taken as an instruction under Sub-Clause 5.2 [*Nominated Subcontractors*]). If the Engineer does not so instruct the Contractor within 7 days of receiving the quotations, the Contractor shall be entitled to accept any of these quotations at the Contractor's discretion.

Except for any items for which the Daywork Schedule specifies that payment is not due, the Contractor shall deliver each day to the Engineer accurate statements in duplicate (and one electronic copy), which shall include records (as described under Sub-Clause 6.10 [*Contractor's Records*]) of the resources used in executing the previous day's work.

One copy of each statement shall, if correct and agreed, be signed by the Engineer and promptly returned to the Contractor. If not correct or agreed, the Engineer shall proceed under Sub-Clause 3.7 [*Agreement or Determination*] to agree or determine the resources (and for the purpose of Sub-Clause 3.7.3 [*Time limits*], the date the works which are the subject of the Variation under this Sub-Clause are completed by the Contractor shall be the date of commencement of the time limit for agreement under Sub-Clause 3.7.3).

In the next Statement, the Contractor shall then submit priced statements of the agreed or determined resources to the Engineer, together with all applicable invoices, vouchers and accounts or receipts in substantiation of

any Goods used in the daywork (other than Goods priced in the Daywork Schedule).

Unless otherwise stated in the Daywork Schedule, the rates and prices in the Daywork Schedule shall be deemed to include taxes, overheads and profit.

13.6

Adjustments for Changes in Laws

Subject to the following provisions of this Sub-Clause, the Contract Price shall be adjusted to take account of any increase or decrease in Cost resulting from a change in:

- (a) the Laws of the Country (including the introduction of new Laws and the repeal or modification of existing Laws);
- (b) the judicial or official governmental interpretation or implementation of the Laws referred to in sub-paragraph (a) above;
- (c) any permit, permission, license or approval obtained by the Employer or the Contractor under sub-paragraph (a) or (b), respectively, of Sub-Clause 1.13 [*Compliance with Laws*]; or
- (d) the requirements for any permit, permission, licence and/or approval to be obtained by the Contractor under sub-paragraph (b) of Sub-Clause 1.13 [*Compliance with Laws*],

made and/or officially published after the Base Date, which affect the Contractor in the performance of obligations under the Contract. In this Sub-Clause “change in Laws” means any of the changes under sub-paragraphs (a), (b), (c) and/or (d) above.

If the Contractor suffers delay and/or incurs an increase in Cost as a result of any change in Laws, the Contractor shall be entitled subject to Sub-Clause 20.2 [*Claims For Payment and/or EOT*] to EOT and/or payment of such Cost.

If there is a decrease in Cost as a result of any change in Laws, the Employer shall be entitled subject to Sub-Clause 20.2 [*Claims For Payment and/or EOT*] to a reduction in the Contract Price.

If any adjustment to the execution of the Works becomes necessary as a result of any change in Laws:

- (i) the Contractor shall promptly give a Notice to the Engineer, or
 - (ii) the Engineer shall promptly give a Notice to the Contractor
- (with detailed supporting particulars).

Thereafter, the Engineer shall either instruct a Variation under Sub-Clause 13.3.1 [*Variation by Instruction*] or request a proposal under Sub-Clause 13.3.2 [*Variation by Request for Proposal*].

13.7

Adjustments for Changes in Cost

If Schedule(s) of cost indexation are not included in the Contract, this Sub-Clause shall not apply.

The amounts payable to the Contractor shall be adjusted for rises or falls in the cost of labour, Goods and other inputs to the Works, by the addition or deduction of the amounts calculated in accordance with the Schedule(s) of cost indexation.

To the extent that full compensation for any rise or fall in Costs is not covered by this Sub-Clause or other Clauses of these Conditions, the Accepted Contract Amount shall be deemed to have included amounts to cover the contingency of other rises and falls in costs.

The adjustment to be applied to the amount otherwise payable to the Contractor, as certified in Payment Certificates, shall be calculated for each of the currencies in which the Contract Price is payable. No adjustment shall be applied to work valued on the basis of Cost or current prices.

Until such time as each current cost index is available, the Engineer shall use a provisional index for the issue of Interim Payment Certificates. When a current cost index is available, the adjustment shall be recalculated accordingly.

If the Contractor fails to complete the Works within the Time for Completion, adjustment of prices thereafter shall be made using either:

- (a) each index or price applicable on the date 49 days before the expiry of the Time for Completion of the Works; or
- (b) the current index or price

whichever is more favourable to the Employer.

14 Contract Price and Payment

14.1

The Contract Price

Unless otherwise stated in the Particular Conditions:

- (a) the Contract Price shall be the value of the Works in accordance with Sub-Clause 12.3 [*Valuation of the Works*] and be subject to adjustments, additions (including Cost or Cost Plus Profit to which the Contractor is entitled under these Conditions) and/or deductions in accordance with the Contract;
- (b) the Contractor shall pay all taxes, duties and fees required to be paid by the Contractor under the Contract, and the Contract Price shall not be adjusted for any of these costs except as stated in Sub-Clause 13.6 [*Adjustments for Changes in Laws*];
- (c) any quantities which may be set out in the Bill of Quantities or other Schedule(s) are estimated quantities and are not to be taken as the actual and correct quantities:
 - (i) of the Works which the Contractor is required to execute, or
 - (ii) for the purposes of Clause 12 [*Measurement and Valuation*]; and
- (d) the Contractor shall submit to the Engineer, within 28 days after the Commencement Date, a proposed breakdown of each lump sum price (if any) in the Schedules. The Engineer may take account of the breakdown when preparing Payment Certificates, but shall not be bound by it.

14.2

Advance Payment

If no amount of advance payment is stated in the Contract Data, this Sub-Clause shall not apply.

After receiving the Advance Payment Certificate, the Employer shall make an advance payment, as an interest-free loan for mobilisation (and design, if



any). The amount of the advance payment and the currencies in which it is to be paid shall be as stated in the Contract Data.

14.2.1 Advance Payment Guarantee

The Contractor shall obtain (at the Contractor's cost) an Advance Payment Guarantee in amounts and currencies equal to the advance payment, and shall submit it to the Employer with a copy to the Engineer. This guarantee shall be issued by an entity and from within a country (or other jurisdiction) to which the Employer gives consent, and shall be based on the sample form included in the tender documents or on another form agreed by the Employer (but such consent and/or agreement shall not relieve the Contractor from any obligation under this Sub-Clause).

The Contractor shall ensure that the Advance Payment Guarantee is valid and enforceable until the advance payment has been repaid, but its amount may be progressively reduced by the amount repaid by the Contractor as stated in the Payment Certificates.

If the terms of the Advance Payment Guarantee specify its expiry date, and the advance payment has not been repaid by the date 28 days before the expiry date:

- (a) the Contractor shall extend the validity of this guarantee until the advance payment has been repaid;
- (b) the Contractor shall immediately submit evidence of this extension to the Employer, with a copy to the Engineer; and
- (c) if the Employer does not receive this evidence 7 days before the expiry date of this guarantee, the Employer shall be entitled to claim under the guarantee the amount of advance payment which has not been repaid.

When submitting the Advance Payment Guarantee, the Contractor shall include an application (in the form of a Statement) for the advance payment.

14.2.2 Advance Payment Certificate

The Engineer shall issue an Advance Payment Certificate for the advance payment within 14 days after:

- (a) the Employer has received both the Performance Security and the Advance Payment Guarantee, in the form and issued by an entity in accordance with Sub-Clause 4.2.1 [*Contractor's Obligations*] and Sub-Clause 14.2.1 [*Advance Payment Guarantee*] respectively; and
- (b) the Engineer has received a copy of the Contractor's application for the advance payment under Sub-Clause 14.2.1 [*Advance Payment Guarantee*].

14.2.3 Repayment of Advance Payment

The advance payment shall be repaid through percentage deductions in Payment Certificates. Unless other percentages are stated in the Contract Data:

- (a) deductions shall commence in the IPC in which the total of all certified interim payments in the same currency as the advance payment (excluding the advance payment and deductions and release of retention moneys) exceeds ten percent (10%) of the portion of the

Accepted Contract Amount payable in that currency less Provisional Sums; and

- (b) deductions shall be made at the amortisation rate of one quarter (25%) of the amount of each IPC (excluding the advance payment and deductions and release of retention moneys) in the currencies and proportions of the advance payment, until such time as the advance payment has been repaid.

If the advance payment has not been repaid before the issue of the Taking-Over Certificate for the Works, or before termination under Clause 15 [*Termination by Employer*], Clause 16 [*Suspension and Termination by Contractor*] or Clause 18 [*Exceptional Events*] (as the case may be), the whole of the balance then outstanding shall immediately become due and payable by the Contractor to the Employer.

14.3

Application for Interim Payment

The Contractor shall submit a Statement to the Engineer after the end of the period of payment stated in the Contract Data (if not stated, after the end of each month). Each Statement shall:

- (a) be in a form acceptable to the Engineer;
- (b) be submitted in one paper-original, one electronic copy and additional paper copies (if any) as stated in the Contract Data; and
- (c) show in detail the amounts to which the Contractor considers that the Contractor is entitled, with supporting documents which shall include sufficient detail for the Engineer to investigate these amounts together with the relevant report on progress in accordance with Sub-Clause 4.20 [*Progress Reports*].

The Statement shall include the following items, as applicable, which shall be expressed in the various currencies in which the Contract Price is payable, in the sequence listed:

- (i) the estimated contract value of the Works executed, and the Contractor's Documents produced, up to the end of the period of payment (including Variations but excluding items described in sub-paragraphs (ii) to (x) below);
- (ii) any amounts to be added and/or deducted for changes in Laws under Sub-Clause 13.6 [*Adjustments for Changes in Laws*], and for changes in Cost under Sub-Clause 13.7 [*Adjustments for Changes in Cost*];
- (iii) any amount to be deducted for retention, calculated by applying the percentage of retention stated in the Contract Data to the total of the amounts under sub-paragraphs (i), (ii) and (vi) of this Sub-Clause, until the amount so retained by the Employer reaches the limit of Retention Money (if any) stated in the Contract Data;
- (iv) any amounts to be added and/or deducted for the advance payment and repayments under Sub-Clause 14.2 [*Advance Payment*];
- (v) any amounts to be added and/or deducted for Plant and Materials under Sub-Clause 14.5 [*Plant and Materials intended for the Works*];
- (vi) any other additions and/or deductions which have become due under the Contract or otherwise, including those under Sub-Clause 3.7 [*Agreement or Determination*];
- (vii) any amounts to be added for Provisional Sums under Sub-Clause 13.4 [*Provisional Sums*];



- (viii) any amount to be added for release of Retention Money under Sub-Clause 14.9 [*Release of Retention Money*];
- (ix) any amount to be deducted for the Contractor's use of utilities provided by the Employer under Sub-Clause 4.19 [*Temporary Utilities*]; and
- (x) the deduction of amounts certified in all previous Payment Certificates.

14.4

Schedule of Payments

If the Contract includes a Schedule of Payments specifying the instalments in which the Contract Price will be paid then, unless otherwise stated in this Schedule:

- (a) the instalments quoted in the Schedule of Payments shall be treated as the estimated contract values for the purposes of sub-paragraph (i) of Sub-Clause 14.3 [*Application for Interim Payment*];
- (b) Sub-Clause 14.5 [*Plant and Materials intended for the Works*] shall not apply; and
- (c) if:
 - (i) these instalments are not defined by reference to the actual progress achieved in the execution of the Works; and
 - (ii) actual progress is found by the Engineer to differ from that on which the Schedule of Payments was based,

then the Engineer may proceed under Sub-Clause 3.7 [*Agreement or Determination*] to agree or determine revised instalments (and for the purpose of Sub-Clause 3.7.3 [*Time limits*] the date when the difference under sub-paragraph (ii) above was found by the Engineer shall be the date of commencement of the time limit for agreement under Sub-Clause 3.7.3). Such revised instalments shall take account of the extent to which progress differs from that on which the Schedule of Payments was based.

If the Contract does not include a Schedule of Payments, the Contractor shall submit non-binding estimates of the payments which the Contractor expects to become due during each period of 3 months. The first estimate shall be submitted within 42 days after the Commencement Date. Revised estimates shall be submitted at intervals of 3 months, until the issue of the Taking-Over Certificate for the Works.

14.5

Plant and Materials intended for the Works

If no Plant and/or Materials are listed in the Contract Data for payment when shipped and/or payment when delivered, this Sub-Clause shall not apply.

The Contractor shall include, under sub-paragraph (v) of Sub-Clause 14.3 [*Application for Interim Payment*]:

- an amount to be added for Plant and Materials which have been shipped or delivered (as the case may be) to the Site for incorporation in the Permanent Works; and
- an amount to be deducted when the contract value of such Plant and Materials is included as part of the Permanent Works under sub-paragraph (i) of Sub-Clause 14.3 [*Application for Interim Payment*].

The Engineer shall proceed under Sub-Clause 3.7 [*Agreement or Determination*] to agree or determine each amount to be added for Plant and Materials if the following conditions are fulfilled (and for the purpose of Sub-Clause 3.7.3 [*Time limits*] the date these conditions are fulfilled shall be

the date of commencement of the time limit for agreement under Sub-Clause 3.7.3):

- (a) the Contractor has:
- (i) kept satisfactory records (including the orders, receipts, Costs and use of Plant and Materials) which are available for inspection by the Engineer;
 - (ii) submitted evidence demonstrating that the Plant and Materials comply with the Contract (which may include test certificates under Sub-Clause 7.4 [*Testing by the Contractor*] and/or compliance verification documentation under Sub-Clause 4.9.2 [*Compliance Verification System*]) to the Engineer; and
 - (iii) submitted a statement of the Cost of acquiring and shipping or delivering (as the case may be) the Plant and Materials to the Site, supported by satisfactory evidence;

and either:

- (b) the relevant Plant and Materials:
- (i) are those listed in the Contract Data for payment when shipped;
 - (ii) have been shipped to the Country, en route to the Site, in accordance with the Contract; and
 - (iii) are described in a clean shipped bill of lading or other evidence of shipment, which has been submitted to the Engineer together with:
 - evidence of payment of freight and insurance;
 - any other documents reasonably required by the Engineer; and
 - a written undertaking by the Contractor that the Contractor will deliver to the Employer (prior to submitting the next Statement) a bank guarantee in a form and issued by an entity to which the Employer gives consent (but such consent shall not relieve the Contractor from any obligation in the following provisions of this sub-paragraph), in amounts and currencies equal to the amount due under this Sub-Clause. This guarantee shall be in a similar form to the form described in Sub-Clause 14.2.1 [*Advance Payment Guarantee*] and shall be valid until the Plant and Materials are properly stored on Site and protected against loss, damage or deterioration;

or

- (c) the relevant Plant and Materials:
- (i) are those listed in the Contract Data for payment when delivered to the Site, and
 - (ii) have been delivered to and are properly stored on the Site, are protected against loss, damage or deterioration, and appear to be in accordance with the Contract.

The amount so agreed or determined shall take account of the evidence and documents required under this Sub-Clause and of the contract value of the Plant and Materials. If sub-paragraph (b) above applies, the Engineer shall have no obligation to certify any payment under this Sub-Clause until the Employer has received the bank guarantee in accordance with sub-paragraph (b)(iii) above. The sum to be certified by the Engineer in an IPC shall be the equivalent of eighty percent (80%) of this agreed or determined amount. The currencies for this certified sum shall be the same as those in which payment will become due when the contract value is included under

sub-paragraph (i) of Sub-Clause 14.3 [*Application for Interim Payment*]. At that time, the Payment Certificate shall include the applicable amount to be deducted which shall be equivalent to, and in the same currencies and proportions as, this additional amount for the relevant Plant and Materials.

14.6

Issue of IPC

No amount will be certified or paid to the Contractor until:

- (a) the Employer has received the Performance Security in the form, and issued by an entity, in accordance with Sub-Clause 4.2.1 [*Contractor's obligations*]; and
- (b) the Contractor has appointed the Contractor's Representative in accordance with Sub-Clause 4.3 [*Contractor's Representative*].

14.6.1 The IPC

The Engineer shall, within 28 days after receiving a Statement and supporting documents, issue an IPC to the Employer, with a copy to the Contractor:

- (a) stating the amount which the Engineer fairly considers to be due; and
- (b) including any additions and/or deductions which have become due under Sub-Clause 3.7 [*Agreement or Determination*] or under the Contract or otherwise,

with detailed supporting particulars (which shall identify any difference between a certified amount and the corresponding amount in the Statement and give the reasons for such difference).

14.6.2 Withholding (amounts in) an IPC

Before the issue of the Taking-Over Certificate for the Works, the Engineer may withhold an IPC in an amount which would (after retention and other deductions) be less than the minimum amount of the IPC (if any) stated in the Contract Data. In this event, the Engineer shall promptly give a Notice to the Contractor accordingly.

An IPC shall not be withheld for any other reason, although:

- (a) if any thing supplied or work done by the Contractor is not in accordance with the Contract, the estimated cost of rectification or replacement may be withheld until rectification or replacement has been completed;
- (b) if the Contractor was or is failing to perform any work, service or obligation in accordance with the Contract, the value of this work or obligation may be withheld until the work or obligation has been performed. In this event, the Engineer shall promptly give a Notice to the Contractor describing the failure and with detailed supporting particulars of the value withheld; and/or
- (c) if the Engineer finds any significant error or discrepancy in the Statement or supporting documents, the amount of the IPC may take account of the extent to which this error or discrepancy has prevented or prejudiced proper investigation of the amounts in the Statement until such error or discrepancy is corrected in a subsequent Statement.

For each amount so withheld, in the supporting particulars for the IPC the Engineer shall detail his/her calculation of the amount and state the reasons for it being withheld.



14.6.3 Correction or modification

The Engineer may in any Payment Certificate make any correction or modification that should properly be made to any previous Payment Certificate. A Payment Certificate shall not be deemed to indicate the Engineer's acceptance, approval, consent or Notice of No-objection to any Contractor's Document or to (any part of) the Works.

If the Contractor considers that an IPC does not include any amounts to which the Contractor is entitled, these amounts shall be identified in the next Statement (the "identified amounts" in this paragraph). The Engineer shall then make any correction or modification that should properly be made in the next Payment Certificate. Thereafter, to the extent that:

- (a) the Contractor is not satisfied that this next Payment Certificate includes the identified amounts; and
- (b) the identified amounts do not concern a matter for which the Engineer is already carrying out his/her duties under Sub-Clause 3.7 [*Agreement or Determination*]

the Contractor may, by giving a Notice, refer this matter to the Engineer and Sub-Clause 3.7 [*Agreement or Determination*] shall apply (and, for the purpose of Sub-Clause 3.7.3 [*Time limits*], the date the Engineer receives this Notice shall be the date of commencement of the time limit for agreement under Sub-Clause 3.7.3).

14.7 Payment

The Employer shall pay to the Contractor:

- (a) the amount certified in each Advance Payment Certificate within the period stated in the Contract Data (if not stated, 21 days) after the Employer receives the Advance Payment Certificate;
- (b) the amount certified in each IPC issued under:
 - (i) Sub-Clause 14.6 [*Issue of IPC*], within the period stated in the Contract Data (if not stated, 56 days) after the Engineer receives the Statement and supporting documents; or
 - (ii) Sub-Clause 14.13 [*Issue of FPC*], within the period stated in the Contract Data (if not stated, 28 days) after the Employer receives the IPC; and
- (c) the amount certified in the FPC within the period stated in the Contract Data (if not stated, 56 days) after the Employer receives the FPC.

Payment of the amount due in each currency shall be made into the bank account, nominated by the Contractor, in the payment country (for this currency) specified in the Contract.

14.8 Delayed Payment

If the Contractor does not receive payment in accordance with Sub-Clause 14.7 [*Payment*], the Contractor shall be entitled to receive financing charges compounded monthly on the amount unpaid during the period of delay. This period shall be deemed to commence on the expiry of the time for payment specified in Sub-Clause 14.7 [*Payment*], irrespective (in the case of sub-paragraph (b) of Sub-Clause 14.7) of the date on which any IPC is issued.

Unless otherwise stated in the Contract Data, these financing charges shall be calculated at the annual rate of three percent (3%) above:



- (a) the average bank short-term lending rate to prime borrowers prevailing for the currency of payment at the place of payment, or
- (b) where no such rate exists at that place, the same rate in the country of the currency of payment, or
- (c) in the absence of such a rate at either place, the appropriate rate fixed by the law of the country of the currency of payment.

The Contractor shall by request be entitled to payment of these financing charges by the Employer, without:

- (i) the need for the Contractor to submit a Statement or any formal Notice (including any requirement to comply with Sub-Clause 20.2 [*Claims For Payment and/or EOT*]) or certification; and
- (ii) prejudice to any other right or remedy.

14.9

Release of Retention Money

After the issue of the Taking-Over Certificate for:

- (a) the Works, the Contractor shall include the first half of the Retention Money in a Statement; or
- (b) for a Section, the Contractor shall include the relevant percentage of the first half of the Retention Money in a Statement.

After the latest of the expiry dates of the Defects Notification Periods, the Contractor shall include the second half of the Retention Money in a Statement promptly after such latest date. If a Taking-Over Certificate was (or was deemed to have been) issued for a Section, the Contractor shall include the relevant percentage of the second half of the Retention Money in a Statement promptly after the expiry date of the DNP for the Section.

In the next IPC after the Engineer receives any such Statement, the Engineer shall certify the release of the corresponding amount of Retention Money. However, when certifying any release of Retention Money under Sub-Clause 14.6 [*Issue of IPC*], if any work remains to be executed under Clause 11 [*Defects after Taking Over*], the Engineer shall be entitled to withhold certification of the estimated cost of this work until it has been executed.

The relevant percentage for each Section shall be the percentage value of the Section as stated in the Contract Data. If the percentage value of a Section is not stated in the Contract Data, no percentage of either half of the Retention Money shall be released under this Sub-Clause in respect of such Section.

14.10

Statement at Completion

Within 84 days after the Date of Completion of the Works, the Contractor shall submit to the Engineer a Statement at completion with supporting documents, in accordance with Sub-Clause 14.3 [*Application for Interim Payment*], showing:

- (a) the value of all work done in accordance with the Contract up to the Date of Completion of the Works
- (b) any further sums which the Contractor considers to be due at the Date of Completion of the Works; and
- (c) an estimate of any other amounts which the Contractor considers have or will become due after the Date of Completion of the Works under the Contract or otherwise. These estimated amounts shall be

shown separately (to those of sub-paragraphs (a) and (b) above) and shall include estimated amounts for:

- (i) Claims for which the Contractor has submitted a Notice under Sub-Clause 20.2 [*Claims For Payment and/or EOT*];
- (ii) any matter referred to the DAAB under Sub-Clause 21.4 [*Obtaining DAAB's Decision*]; and
- (iii) any matter for which a NOD has been given under Sub-Clause 21.4 [*Obtaining DAAB's Decision*].

The Engineer shall then issue an IPC in accordance with Sub-Clause 14.6 [*Issue of IPC*].

14.11

Final Statement

Submission by the Contractor of any Statement under the following provisions of this Sub-Clause shall not be delayed by reason of any referral under Sub-Clause 21.4 [*Obtaining DAAB's Decision*] or any arbitration under Sub-Clause 21.6 [*Arbitration*].

14.11.1 Draft Final Statement

Within 56 days after the issue of the Performance Certificate, the Contractor shall submit to the Engineer, a draft final Statement.

This Statement shall:

- (a) be in the same form as Statements previously submitted under Sub-Clause 14.3 [*Application for Interim Payment*];
- (b) be submitted in one paper-original, one electronic copy and additional paper copies (if any) as stated in the Contract Data; and
- (c) show in detail, with supporting documents:
 - (i) the value of all work done in accordance with the Contract;
 - (ii) any further sums which the Contractor considers to be due at the date of the issue of the Performance Certificate, under the Contract or otherwise; and
 - (iii) an estimate of any other amounts which the Contractor considers have or will become due after the issue of the Performance Certificate, under the Contract or otherwise, including estimated amounts, by reference to the matters described in sub-paragraphs (c) (i) to (iii) of Sub-Clause 14.10 [*Statement at Completion*]. These estimated amounts shall be shown separately (to those of sub-paragraphs (i) and (ii) above).

Except for any amount under sub-paragraph (iii) above, if the Engineer disagrees with or cannot verify any part of the draft final Statement, the Engineer shall promptly give a Notice to the Contractor. The Contractor shall then submit such further information as the Engineer may reasonably require within the time stated in this Notice, and shall make such changes in the draft as may be agreed between them.

14.11.2 Agreed Final Statement

If there are no amounts under sub-paragraph (iii) of Sub-Clause 14.11.1 [*Draft Final Statement*], the Contractor shall then prepare and submit to the Engineer the final Statement as agreed (the "Final Statement" in these Conditions).

However if:

- (a) there are amounts under sub-paragraph (iii) of Sub-Clause 14.11.1 [*Draft Final Statement*]; and/or
- (b) following discussions between the Engineer and the Contractor, it becomes evident that they cannot agree any amount(s) in the draft final Statement,

the Contractor shall then prepare and submit to the Engineer a Statement, identifying separately: the agreed amounts, the estimated amounts and the disagreed amount(s) (the “Partially Agreed Final Statement” in these Conditions).

14.12 Discharge

When submitting the Final Statement or the Partially Agreed Final Statement (as the case may be), the Contractor shall submit a discharge which confirms that the total of such Statement represents full and final settlement of all moneys due to the Contractor under or in connection with the Contract. This discharge may state that the total of the Statement is subject to any payment that may become due in respect of any Dispute for which a DAAB proceeding or arbitration is in progress under Sub-Clause 21.6 [*Arbitration*] and/or that it becomes effective after the Contractor has received:

- (a) full payment of the amount certified in the FPC; and
- (b) the Performance Security.

If the Contractor fails to submit this discharge, the discharge shall be deemed to have been submitted and to have become effective when the conditions of sub-paragraphs (a) and (b) have been fulfilled.

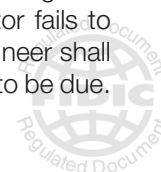
A discharge under this Sub-Clause shall not affect either Party's liability or entitlement in respect of any Dispute for which a DAAB proceeding or arbitration is in progress under Clause 21 [*Disputes and Arbitration*].

14.13 Issue of FPC

Within 28 days after receiving the Final Statement or the Partially Agreed Final Statement (as the case may be), and the discharge under Sub-Clause 14.12 [*Discharge*], the Engineer shall issue to the Employer (with a copy to the Contractor), the Final Payment Certificate which shall state:

- (a) the amount which the Engineer fairly considers is finally due, including any additions and/or deductions which have become due under Sub-Clause 3.7 [*Agreement or Determination*] or under the Contract or otherwise; and
- (b) after giving credit to the Employer for all amounts previously paid by the Employer and for all sums to which the Employer is entitled, and after giving credit to the Contractor for all amounts (if any) previously paid by the Contractor and/or received by the Employer under the Performance Security, the balance (if any) due from the Employer to the Contractor or from the Contractor to the Employer, as the case may be.

If the Contractor has not submitted a draft final Statement within the time specified under Sub-Clause 14.11.1 [*Draft Final Statement*], the Engineer shall request the Contractor to do so. Thereafter, if the Contractor fails to submit a draft final Statement within a period of 28 days, the Engineer shall issue the FPC for such an amount as the Engineer fairly considers to be due.



If:

- (i) the Contractor has submitted a Partially Agreed Final Statement under Sub-Clause 14.11.2 [*Agreed Final Statement*]; or
- (ii) no Partially Agreed Final Statement has been submitted by the Contractor but, to the extent that a draft final Statement submitted by the Contractor is deemed by the Engineer to be a Partially Agreed Final Statement

the Engineer shall proceed in accordance with Sub-Clause 14.6 [Issue of IPC] to issue an IPC.

14.14

Cessation of Employer's Liability

The Employer shall not be liable to the Contractor for any matter or thing under or in connection with the Contract or execution of the Works, except to the extent that the Contractor shall have included an amount expressly for it in:

- (a) the Final Statement or Partially Agreed Final Statement; and
- (b) (except for matters or things arising after the issue of the Taking-Over Certificate for the Works) the Statement under Sub-Clause 14.10 [*Statement at Completion*].

Unless the Contractor makes or has made a Claim under Sub-Clause 20.2 [*Claims For Payment and/or EOT*] in respect of an amount or amounts under the FPC within 56 days of receiving a copy of the FPC the Contractor shall be deemed to have accepted the amounts so certified. The Employer shall then have no further liability to the Contractor, other than to pay the amount due under the FPC and return the Performance Security to the Contractor.

However, this Sub-Clause shall not limit the Employer's liability under the Employer's indemnification obligations, or the Employer's liability in any case of fraud, gross negligence, deliberate default or reckless misconduct by the Employer.

14.15

Currencies of Payment

The Contract Price shall be paid in the currency or currencies named in the Contract Data. If more than one currency is so named, payments shall be made as follows:

- (a) if the Accepted Contract Amount was expressed in Local Currency only or in Foreign Currency only:
 - (i) the proportions or amounts of the Local and Foreign Currencies, and the fixed rates of exchange to be used for calculating the payments, shall be as stated in the Contract Data, except as otherwise agreed by both Parties;
 - (ii) payments and deductions under Sub-Clause 13.4 [*Provisional Sums*] and Sub-Clause 13.6 [*Adjustments for Changes in Laws*] shall be made in the applicable currencies and proportions; and
 - (iii) other payments and deductions under sub-paragraphs (i) to (iv) of Sub-Clause 14.3 [*Application for Interim Payment*] shall be made in the currencies and proportions specified in sub-paragraph (a) (i) above;
- (b) whenever an adjustment is agreed or determined under Sub-Clause 13.2 [*Value Engineering*] or Sub-Clause 13.3 [*Variation Procedure*], the amount payable in each of the applicable currencies shall be

- specified. For this purpose, reference shall be made to the actual or expected currency proportions of the Cost of the varied work, and to the proportions of various currencies specified in sub-paragraph (a)(i) above;
- (c) payment of Delay Damages shall be made in the currencies and proportions specified in the Contract Data;
 - (d) other payments to the Employer by the Contractor shall be made in the currency in which the sum was expended by the Employer, or in such currency as may be agreed by both Parties;
 - (e) if any amount payable by the Contractor to the Employer in a particular currency exceeds the sum payable by the Employer to the Contractor in that currency, the Employer may recover the balance of this amount from the sums otherwise payable to the Contractor in other currencies; and
 - (f) if no rates of exchange are stated in the Contract Data, they shall be those prevailing on the Base Date and published by the central bank of the Country.

15

Termination by Employer

15.1

Notice to Correct

If the Contractor fails to carry out any obligation under the Contract the Engineer may, by giving a Notice to the Contractor, require the Contractor to make good the failure and to remedy it within a specified time ("Notice to Correct" in these Conditions).

The Notice to Correct shall:

- (a) describe the Contractor's failure;
- (b) state the Sub-Clause and/or provisions of the Contract under which the Contractor has the obligation; and
- (c) specify the time within which the Contractor shall remedy the failure, which shall be reasonable, taking due regard of the nature of the failure and the work and/or other action required to remedy it.

After receiving a Notice to Correct the Contractor shall immediately respond by giving a Notice to the Engineer describing the measures the Contractor will take to remedy the failure, and stating the date on which such measures will be commenced in order to comply with the time specified in the Notice to Correct.

The time specified in the Notice to Correct shall not imply any extension of the Time for Completion.

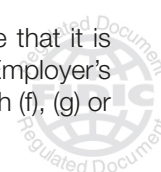
15.2

Termination for Contractor's Default

Termination of the Contract under this Clause shall not prejudice any other rights of the Employer under the Contract or otherwise.

15.2.1 Notice

The Employer shall be entitled to give a Notice (which shall state that it is given under this Sub-Clause 15.2.1) to the Contractor of the Employer's intention to terminate the Contract or, in the case of sub-paragraph (f), (g) or (h) below a Notice of termination, if the Contractor:



- (a) fails to comply with:
 - (i) a Notice to Correct;
 - (ii) a binding agreement, or final and binding determination, under Sub-Clause 3.7 [*Agreement or Determination*]; or
 - (iii) a decision of the DAAB under 21.4 [*Obtaining DAAB's Decision*] (whether binding or final and binding)

and such failure constitutes a material breach of the Contractor's obligations under the Contract;

- (b) abandons the Works or otherwise plainly demonstrates an intention not to continue performance of the Contractor's obligations under the Contract;
- (c) without reasonable excuse fails to proceed with the Works in accordance with Clause 8 [*Commencement, Delays and Suspension*] or, if there is a maximum amount of Delay Damages stated in the Contract Data, his failure to comply with Sub-Clause 8.2 [*Time for Completion*] is such that the Employer would be entitled to Delay Damages that exceed this maximum amount;
- (d) without reasonable excuse fails to comply with a Notice of rejection given by the Engineer under Sub-Clause 7.5 [*Defects and Rejection*] or an Engineer's instruction under Sub-Clause 7.6 [*Remedial Work*], within 28 days after receiving it;
- (e) fails to comply with Sub-Clause 4.2 [*Performance Security*];
- (f) subcontracts the whole, or any part of, the Works in breach of Sub-Clause 5.1 [*Subcontractors*], or assigns the Contract without the required agreement under Sub-Clause 1.7 [*Assignment*];
- (g) becomes bankrupt or insolvent; goes into liquidation, administration, reorganisation, winding-up or dissolution; becomes subject to the appointment of a liquidator, receiver, administrator, manager or trustee; enters into a composition or arrangement with the Contractor's creditors; or any act is done or any event occurs which is analogous to or has a similar effect to any of these acts or events under applicable Laws;

or if the Contractor is a JV:

- (i) any of these matters apply to a member of the JV, and
- (ii) the other member(s) do not promptly confirm to the Employer that, in accordance with Sub-Clause 1.14(a) [*Joint and Several Liability*], such member's obligations under the Contract shall be fulfilled in accordance with the Contract; or
- (h) is found, based on reasonable evidence, to have engaged in corrupt, fraudulent, collusive or coercive practice at any time in relation to the Works or to the Contract.

15.2.2 Termination

Unless the Contractor remedies the matter described in a Notice given under Sub-Clause 15.2.1 [*Notice*] within 14 days of receiving the Notice, the Employer may by giving a second Notice to the Contractor immediately terminate the Contract. The date of termination shall be the date the Contractor receives this second Notice.

However, in the case of sub-paragraph (f), (g) or (h) of Sub-Clause 15.2.1 [*Notice*], the Employer may by giving a Notice under Sub-Clause 15.2.1 immediately terminate the Contract and the date of termination shall be the date the Contractor receives this Notice.

15.2.3 After termination

After termination of the Contract under Sub-Clause 15.2.2 [*Termination*], the Contractor shall:

- (a) comply immediately with any reasonable instructions included in a Notice given by the Employer under this Sub-Clause:
 - (i) for the assignment of any subcontract; and
 - (ii) for the protection of life or property or for the safety of the Works;
- (b) deliver to the Engineer:
 - (i) any Goods required by the Employer,
 - (ii) all Contractor's Documents, and
 - (iii) all other design documents made by or for the Contractor to the extent, if any, that the Contractor is responsible for the design of part of the Permanent Works under Sub-Clause 4.1 [*Contractor's General Obligations*]; and
- (c) leave the Site and, if the Contractor does not do so, the Employer shall have the right to expel the Contractor from the Site.

15.2.4 Completion of the Works

After termination under this Sub-Clause, the Employer may complete the Works and/or arrange for any other entities to do so. The Employer and/or these entities may then use any Goods and Contractor's Documents (and other design documents, if any) made by or on behalf of the Contractor to complete the Works.

After such completion of the Works, the Employer shall give another Notice to the Contractor that the Contractor's Equipment and Temporary Works will be released to the Contractor at or near the Site. The Contractor shall then promptly arrange their removal, at the risk and cost of the Contractor. However, if by this time the Contractor has failed to make a payment due to the Employer, these items may be sold (to the extent permitted by applicable Laws) by the Employer in order to recover this payment. Any balance of the proceeds shall then be paid to the Contractor.

15.3

Valuation after Termination for Contractor's Default

After termination of the Contract under Sub-Clause 15.2 [*Termination for Contractor's Default*], the Engineer shall proceed under Sub-Clause 3.7 [*Agreement or Determination*] to agree or determine the value of the Permanent Works, Goods and Contractor's Documents, and any other sums due to the Contractor for work executed in accordance with the Contract (and, for the purpose of Sub-Clause 3.7.3 [*Time limits*], the date of termination shall be the date of commencement of the time limit for agreement under Sub-Clause 3.7.3).

This valuation shall include any additions and/or deductions, and the balance due (if any), by reference to the matters described in sub-paragraphs (a) and (b) of Sub-Clause 14.13 [*Issue of FPC*].

This valuation shall not include the value of any Contractor's Documents, Materials, Plant and Permanent Works to the extent that they do not comply with the Contract.



15.4

Payment after Termination for Contractor's Default

The Employer may withhold payment to the Contractor of the amounts agreed or determined under Sub-Clause 15.3 [*Valuation after Termination for Contractor's Default*] until all the costs, losses and damages (if any) described in the following provisions of this Sub-Clause have been established.

After termination of the Contract under Sub-Clause 15.2 [*Termination for Contractor's Default*], the Employer shall be entitled subject to Sub-Clause 20.2 [*Claims For Payment and/or EOT*] to payment by the Contractor of:

- (a) the additional costs of execution of the Works, and all other costs reasonably incurred by the Employer (including costs incurred in clearing, cleaning and reinstating the Site as described under Sub-Clause 11.11 [*Clearance of Site*]), after allowing for any sum due to the Contractor under Sub-Clause 15.3 [*Valuation after Termination for Contractor's Default*];
- (b) any losses and damages suffered by the Employer in completing the Works; and
- (c) Delay Damages, if the Works or a Section have not been taken over under Sub-Clause 10.1 [*Taking Over the Works and Sections*] and if the date of termination under Sub-Clause 15.2 [*Termination for Contractor's Default*] occurs after the date corresponding to the Time for Completion of the Works or Section (as the case may be). Such Delay Damages shall be paid for every day that has elapsed between these two dates.

15.5

Termination for Employer's Convenience

The Employer shall be entitled to terminate the Contract at any time for the Employer's convenience, by giving a Notice of such termination to the Contractor (which Notice shall state that it is given under this Sub-Clause 15.5).

After giving a Notice to terminate under this Sub-Clause, the Employer shall immediately:

- (a) have no right to further use any of the Contractor's Documents, which shall be returned to the Contractor, except those for which the Contractor has received payment or for which payment is due under a Payment Certificate;
- (b) if Sub-Clause 4.6 [*Co-operation*] applies, have no right to allow the continued use (if any) of any Contractor's Equipment, Temporary Works, access arrangements and/or other of the Contractor's facilities or services; and
- (c) make arrangements to return the Performance Security to the Contractor.

Termination under this Sub-Clause shall take effect 28 days after the later of the dates on which the Contractor receives this Notice or the Employer returns the Performance Security. Unless and until the Contractor has received payment of the amount due under Sub-Clause 15.6 [*Valuation after Termination for Employer's Convenience*], the Employer shall not execute (any part of) the Works or arrange for (any part of) the Works to be executed by any other entities.

After this termination, the Contractor shall proceed in accordance with Sub-Clause 16.3 [*Contractor's Obligations After Termination*].



15.6

Valuation after Termination for Employer's Convenience

After termination under Sub-Clause 15.5 [*Termination for Employer's Convenience*] the Contractor shall, as soon as practicable, submit detailed supporting particulars (as reasonably required by the Engineer) of:

- (a) the value of work done, which shall include:
 - (i) the matters described in sub-paragraphs (a) to (e) of Sub-Clause 18.5 [*Optional Termination*], and
 - (ii) any additions and/or deductions, and the balance due (if any), by reference to the matters described in sub-paragraphs (a) and (b) of Sub-Clause 14.13 [*Issue of FPC*]; and
- (b) the amount of any loss of profit or other losses and damages suffered by the Contractor as a result of this termination.

The Engineer shall then proceed under Sub-Clause 3.7 [*Agreement or Determination*] to agree or determine the matters described in sub-paragraphs (a) and (b) above (and, for the purpose of Sub-Clause 3.7.3 [*Time limits*], the date the Engineer receives the Contractor's particulars under this Sub-Clause shall be the date of commencement of the time limit for agreement under Sub-Clause 3.7.3).

The Engineer shall issue a Payment Certificate for the amount so agreed or determined, without the need for the Contractor to submit a Statement.

15.7

Payment after Termination for Employer's Convenience

The Employer shall pay the Contractor the amount certified in the Payment Certificate under Sub-Clause 15.6 [*Valuation after Termination for Employer's Convenience*] within 112 days after the Engineer receives the Contractor's submission under that Sub-Clause.

16 Suspension and Termination by Contractor

16.1

Suspension by Contractor

If:

- (a) the Engineer fails to certify in accordance with Sub-Clause 14.6 [*Issue of IPC*];
- (b) the Employer fails to provide reasonable evidence in accordance with Sub-Clause 2.4 [*Employer's Financial Arrangements*];
- (c) the Employer fails to comply with Sub-Clause 14.7 [*Payment*]; or
- (d) the Employer fails to comply with:
 - (i) a binding agreement, or final and binding determination under Sub-Clause 3.7 [*Agreement or Determination*]; or
 - (ii) a decision of the DAAB under 21.4 [*Obtaining DAAB's Decision*] (whether binding or final and binding)

and such failure constitutes a material breach of the Employer's obligations under the Contract,

the Contractor may, not less than 21 days after giving a Notice to the Employer (which Notice shall state that it is given under this Sub-Clause 16.1), suspend work (or reduce the rate of work) unless and until the Employer has remedied such a default.

This action shall not prejudice the Contractor's entitlements to financing charges under Sub-Clause 14.8 [*Delayed Payment*] and to termination under Sub-Clause 16.2 [*Termination by Contractor*].

If the Employer subsequently remedies the default as described in the above Notice before the Contractor gives a Notice of termination under Sub-Clause 16.2 [*Termination by Contractor*], the Contractor shall resume normal working as soon as is reasonably practicable.

If the Contractor suffers delay and/or incurs Cost as a result of suspending work (or reducing the rate of work) in accordance with this Sub-Clause, the Contractor shall be entitled subject to Sub-Clause 20.2 [*Claims For Payment and/or EOT*] to EOT and/or payment of such Cost Plus Profit.

16.2

Termination by Contractor

Termination of the Contract under this Clause shall not prejudice any other rights of the Contractor, under the Contract or otherwise.

16.2.1 Notice

The Contractor shall be entitled to give a Notice (which shall state that it is given under this Sub-Clause 16.2.1) to the Employer of the Contractor's intention to terminate the Contract or, in the case of sub-paragraph (g)(ii), (h), (i) or (j) below a Notice of termination, if:

- (a) the Contractor does not receive the reasonable evidence within 42 days after giving a Notice under Sub-Clause 16.1 [*Suspension by Contractor*] in respect of a failure to comply with Sub-Clause 2.4 [*Employer's Financial Arrangements*];
- (b) the Engineer fails, within 56 days after receiving a Statement and supporting documents, to issue the relevant Payment Certificate;
- (c) the Contractor does not receive the amount due under any Payment Certificate within 42 days after the expiry of the time stated in Sub-Clause 14.7 [*Payment*];
- (d) the Employer fails to comply with:
 - (i) a binding agreement, or final and binding determination under Sub-Clause 3.7 [*Agreement or Determination*]; or
 - (ii) a decision of the DAAB under 21.4 [*Obtaining DAAB's Decision*] (whether binding or final and binding)

and such failure constitutes a material breach of the Employer's obligations under the Contract;

- (e) the Employer substantially fails to perform, and such failure constitutes a material breach of, the Employer's obligations under the Contract;
- (f) the Contractor does not receive a Notice of the Commencement Date under Sub-Clause 8.1 [*Commencement of Works*] within 84 days after receiving the Letter of Acceptance;
- (g) the Employer:
 - (i) fails to comply with Sub-Clause 1.6 [*Contract Agreement*], or
 - (ii) assigns the Contract without the required agreement under Sub-Clause 1.7 [*Assignment*];
- (h) a prolonged suspension affects the whole of the Works as described in sub-paragraph (b) of Sub-Clause 8.12 [*Prolonged Suspension*];
- (i) the Employer becomes bankrupt or insolvent; goes into liquidation, administration, reorganisation, winding-up or dissolution; becomes

subject to the appointment of a liquidator, receiver, administrator, manager or trustee; enters into a composition or arrangement with the Employer's creditors; or any act is done or any event occurs which is analogous to or has a similar effect to any of these acts or events under applicable Laws; or

- (j) the Employer is found, based on reasonable evidence, to have engaged in corrupt, fraudulent, collusive or coercive practice at any time in relation to the Works or to the Contract.

16.2.2 Termination

Unless the Employer remedies the matter described in a Notice given under Sub-Clause 16.2.1 [Notice] within 14 days of receiving the Notice, the Contractor may by giving a second Notice to the Employer immediately terminate the Contract. The date of termination shall then be the date the Employer receives this second Notice.

However, in the case of sub-paragraph (g)(ii), (h), (i) or (j) of Sub-Clause 16.2.1 [Notice], by giving a Notice under Sub-Clause 16.2.1 the Contractor may terminate the Contract immediately and the date of termination shall be the date the Employer receives this Notice.

If the Contractor suffers delay and/or incurs Cost during the above period of 14 days, the Contractor shall be entitled subject to Sub-Clause 20.2 [Claims For Payment and/or EOT] to EOT and/or payment of such Cost Plus Profit.

16.3

Contractor's Obligations After Termination

After termination of the Contract under Sub-Clause 15.5 [Termination for Employer's Convenience], Sub-Clause 16.2 [Termination by Contractor] or Sub-Clause 18.5 [Optional Termination], the Contractor shall promptly:

- (a) cease all further work, except for such work as may have been instructed by the Engineer for the protection of life or property or for the safety of the Works. If the Contractor incurs Cost as a result of carrying out such instructed work the Contractor shall be entitled subject to Sub-Clause 20.2 [Claims For Payment and/or EOT] to be paid such Cost Plus Profit;
- (b) deliver to the Engineer all Contractor's Documents, Plant, Materials and other work for which the Contractor has received payment; and
- (c) remove all other Goods from the Site, except as necessary for safety, and leave the Site.

16.4

Payment after Termination by Contractor

After termination under Sub-Clause 16.2 [Termination by Contractor], the Employer shall promptly:

- (a) pay the Contractor in accordance with Sub-Clause 18.5 [Optional Termination]; and
- (b) subject to the Contractor's compliance with Sub-Clause 20.2 [Claims For Payment and/or EOT], pay the Contractor the amount of any loss of profit or other losses and damages suffered by the Contractor as a result of this termination.

17 Care of the Works and Indemnities

17.1

Responsibility for Care of the Works

Unless the Contract is terminated in accordance with these Conditions or otherwise, subject to Sub-Clause 17.2 [*Liability for Care of the Works*] the Contractor shall take full responsibility for the care of the Works, Goods and Contractor's Documents from the Commencement Date until the Date of Completion of the Works, when responsibility for the care of the Works shall pass to the Employer. If a Taking-Over Certificate is issued (or is deemed to be issued) for any Section or Part, responsibility for the care of the Section or Part shall then pass to the Employer.

If the Contract is terminated in accordance with these Conditions or otherwise, the Contractor shall cease to be responsible for the care of the Works from the date of termination.

After responsibility has accordingly passed to the Employer, the Contractor shall take responsibility for the care of any work which is outstanding on the Date of Completion, until this outstanding work has been completed.

If any loss or damage occurs to the Works, Goods or Contractor's Documents, during the period when the Contractor is responsible for their care, from any cause whatsoever except as stated in Sub-Clause 17.2 [*Liability for Care of the Works*], the Contractor shall rectify the loss or damage at the Contractor's risk and cost, so that the Works, Goods or Contractor's Documents (as the case may be) comply with the Contract.

17.2

Liability for Care of the Works

The Contractor shall be liable for any loss or damage caused by the Contractor to the Works, Goods or Contractor's Documents after the issue of a Taking-Over Certificate. The Contractor shall also be liable for any loss or damage, which occurs after the issue of a Taking-Over Certificate and which arose from an event which occurred before the issue of this Taking-Over Certificate, for which the Contractor was liable.

The Contractor shall have no liability whatsoever, whether by way of indemnity or otherwise, for loss or damage to the Works, Goods or Contractor's Documents caused by any of the following events (except to the extent that such Works, Goods or Contractor's Documents have been rejected by the Engineer under Sub-Clause 7.5 [*Defects and Rejection*] before the occurrence of any of the following events):

- (a) interference, whether temporary or permanent, with any right of way, light, air, water or other easement (other than that resulting from the Contractor's method of construction) which is the unavoidable result of the execution of the Works in accordance with the Contract;
- (b) use or occupation by the Employer of any part of the Permanent Works, except as may be specified in the Contract;
- (c) fault, error, defect or omission in any element of the design of the Works by the Employer or which may be contained in the Specification and Drawings (and which an experienced contractor exercising due care would not have discovered when examining the Site and the Specification and Drawings before submitting the Tender), other than design carried out by the Contractor in accordance with the Contractor's obligations under the Contract;

- (d) any operation of the forces of nature (other than those allocated to the Contractor in the Contract Data) which is Unforeseeable or against which an experienced contractor could not reasonably have been expected to have taken adequate preventative precautions;
- (e) any of the events or circumstances listed under sub-paragraphs (a) to (f) of Sub-Clause 18.1 [*Exceptional Events*]; and/or
- (f) any act or default of the Employer's Personnel or the Employer's other contractors.

Subject to Sub-Clause 18.4 [*Consequences of an Exceptional Event*], if any of the events described in sub-paragraphs (a) to (f) above occurs and results in damage to the Works, Goods or Contractor's Documents the Contractor shall promptly give a Notice to the Engineer. Thereafter, the Contractor shall rectify any such loss and/or damage that may arise to the extent instructed by the Engineer. Such instruction shall be deemed to have been given under Sub-Clause 13.3.1 [*Variation by Instruction*].

If the loss or damage to the Works or Goods or Contractor's Documents results from a combination of:

- (i) any of the events described in sub-paragraphs (a) to (f) above, and
- (ii) a cause for which the Contractor is liable,

and the Contractor suffers a delay and/or incurs Cost from rectifying the loss and/or damage, the Contractor shall subject to Sub-Clause 20.2 [*Claims for Payment and/or EOT*] be entitled to a proportion of EOT and/or Cost Plus Profit to the extent that any of the above events have contributed to such delays and/or Cost.

17.3

Intellectual and Industrial Property Rights

In this Sub-Clause, "infringement" means an infringement (or alleged infringement) of any patent, registered design, copyright, trademark, trade name, trade secret or other intellectual or industrial property right relating to the Works; and "claim" means a third party claim (or proceedings pursuing a third party claim) alleging an infringement.

Whenever a Party receives a claim but fails to give notice to the other Party of the claim within 28 days of receiving it, the first Party shall be deemed to have waived any right to indemnity under this Sub-Clause.

The Employer shall indemnify and hold the Contractor harmless against and from any claim (including legal fees and expenses) alleging an infringement which is or was:

- (a) an unavoidable result of the Contractor's compliance with the Specification and Drawings and/or any Variation; or
- (b) a result of any Works being used by the Employer:
 - (i) for a purpose other than that indicated by, or reasonably to be inferred from, the Contract, or
 - (ii) in conjunction with any thing not supplied by the Contractor, unless such use was disclosed to the Contractor before the Base Date or is stated in the Contract.

The Contractor shall indemnify and hold the Employer harmless against and from any other claim (including legal fees and expenses) alleging an infringement which arises out of or in relation to:



- (i) the Contractor's execution of the Works; or
- (ii) the use of Contractor's Equipment.

If a Party is entitled to be indemnified under this Sub-Clause, the indemnifying Party may (at the indemnifying Party's cost) assume overall responsibility for negotiating the settlement of the claim, and/or any litigation or arbitration which may arise from it. The other Party shall, at the request and cost of the indemnifying Party, assist in contesting the claim. This other Party (and the Contractor's Personnel or the Employer's Personnel, as the case may be) shall not make any admission which might be prejudicial to the indemnifying Party, unless the indemnifying Party failed to promptly assume overall responsibility for the conduct of any negotiations, litigation or arbitration after being requested to do so by the other Party.

17.4

Indemnities by Contractor

The Contractor shall indemnify and hold harmless the Employer, the Employer's Personnel, and their respective agents, against and from all third party claims, damages, losses and expenses (including legal fees and expenses) in respect of:

- (a) bodily injury, sickness, disease or death of any person whatsoever arising out of or in the course of or by reason of the Contractor's execution of the Works, unless attributable to any negligence, wilful act or breach of the Contract by the Employer, the Employer's Personnel, or any of their respective agents; and
- (b) damage to or loss of any property, real or personal (other than the Works), to the extent that such damage or loss:
 - (i) arises out of or in the course of or by reason of the Contractor's execution of the Works, and
 - (ii) is attributable to any negligence, wilful act or breach of the Contract by the Contractor, the Contractor's Personnel, their respective agents, or anyone directly or indirectly employed by any of them.

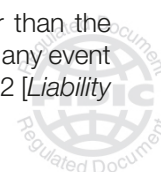
To the extent, if any, that the Contractor is responsible for the design of part of the Permanent Works under Sub-Clause 4.1 [*Contractor's General Obligations*], and/or any other design under the Contract, the Contractor shall also indemnify and hold harmless the Employer against all acts, errors or omissions by the Contractor in carrying out the Contractor's design obligations that result in the Works (or Section or Part or major item of Plant, if any), when completed, not being fit for the purpose(s) for which they are intended under Sub-Clause 4.1 [*Contractor's General Obligations*].

17.5

Indemnities by Employer

The Employer shall indemnify and hold harmless the Contractor, the Contractor's Personnel, and their respective agents, against and from all third party claims, damages, losses and expenses (including legal fees and expenses) in respect of:

- (a) bodily injury, sickness, disease or death, or loss of or damage to any property other than the Works, which is attributable to any negligence, wilful act or breach of the Contract by the Employer, the Employer's Personnel, or any of their respective agents; and
- (b) damage to or loss of any property, real or personal (other than the Works), to the extent that such damage or loss arises out of any event described under sub-paragraphs (a) to (f) of Sub-Clause 17.2 [*Liability for Care of the Works*].



17.6

Shared Indemnities

The Contractor's liability to indemnify the Employer, under Sub-Clause 17.4 [*Indemnities by Contractor*] and/or under Sub-Clause 17.3 [*Intellectual and Industrial Property Rights*], shall be reduced proportionately to the extent that any event described under sub-paragraphs (a) to (f) of Sub-Clause 17.2 [*Liability for Care of the Works*] may have contributed to the said damage, loss or injury.

Similarly, the Employer's liability to indemnify the Contractor, under Sub-Clause 17.5 [*Indemnities by Employer*], shall be reduced proportionately to the extent that any event for which the Contractor is responsible under Sub-Clause 17.1 [*Responsibility for Care of the Works*] and/or under Sub-Clause 17.3 [*Intellectual and Industrial Property Rights*] may have contributed to the said damage, loss or injury.

18

Exceptional Events

18.1

Exceptional Events

"Exceptional Event" means an event or circumstance which:

- (i) is beyond a Party's control;
- (ii) the Party could not reasonably have provided against before entering into the Contract;
- (iii) having arisen, such Party could not reasonably have avoided or overcome; and
- (iv) is not substantially attributable to the other Party.

An Exceptional Event may comprise but is not limited to any of the following events or circumstances provided that conditions (i) to (iv) above are satisfied:

- (a) war, hostilities (whether war be declared or not), invasion, act of foreign enemies;
- (b) rebellion, terrorism, revolution, insurrection, military or usurped power, or civil war;
- (c) riot, commotion or disorder by persons other than the Contractor's Personnel and other employees of the Contractor and Subcontractors;
- (d) strike or lockout not solely involving the Contractor's Personnel and other employees of the Contractor and Subcontractors;
- (e) encountering munitions of war, explosive materials, ionising radiation or contamination by radio-activity, except as may be attributable to the Contractor's use of such munitions, explosives, radiation or radio-activity; or
- (f) natural catastrophes such as earthquake, tsunami, volcanic activity, hurricane or typhoon.

18.2

Notice of an Exceptional Event

If a Party is or will be prevented from performing any obligations under the Contract due to an Exceptional Event (the "affected Party" in this Clause), then the affected Party shall give a Notice to the other Party of such an Exceptional Event, and shall specify the obligations, the performance of which is or will be prevented (the "prevented obligations" in this Clause).

This Notice shall be given within 14 days after the affected Party became aware, or should have become aware, of the Exceptional Event, and

the affected Party shall then be excused performance of the prevented obligations from the date such performance is prevented by the Exceptional Event. If this Notice is received by the other Party after this period of 14 days, the affected Party shall be excused performance of the prevented obligations only from the date on which this Notice is received by the other Party.

Thereafter, the affected Party shall be excused performance of the prevented obligations for so long as such Exceptional Event prevents the affected Party from performing them. Other than performance of the prevented obligations, the affected Party shall not be excused performance of all other obligations under the Contract.

However, the obligations of either Party to make payments due to the other Party under the Contract shall not be excused by an Exceptional Event.

18.3

Duty to Minimise Delay

Each Party shall at all times use all reasonable endeavours to minimise any delay in the performance of the Contract as a result of an Exceptional Event.

If the Exceptional Event has a continuing effect, the affected Party shall give further Notices describing the effect every 28 days after giving the first Notice under Sub-Clause 18.2 [*Notice of an Exceptional Event*].

The affected Party shall immediately give a Notice to the other Party when the affected Party ceases to be affected by the Exceptional Event. If the affected Party fails to do so, the other Party may give a Notice to the affected Party stating that the other Party considers that the affected Party's performance is no longer prevented by the Exceptional Event, with reasons.

18.4

Consequences of an Exceptional Event

If the Contractor is the affected Party and suffers delay and/or incurs Cost by reason of the Exceptional Event of which he/she gave a Notice under Sub-Clause 18.2 [*Notice of an Exceptional Event*], the Contractor shall be entitled subject to Sub-Clause 20.2 [*Claims For Payment and/or EOT*] to:

- (a) EOT; and/or
- (b) if the Exceptional Event is of the kind described in sub-paragraphs (a) to (e) of Sub-Clause 18.1 [*Exceptional Events*] and, in the case of sub-paragraphs (b) to (e) of that Sub-Clause, occurs in the Country, payment of such Cost.

18.5

Optional Termination

If the execution of substantially all the Works in progress is prevented for a continuous period of 84 days by reason of an Exceptional Event of which Notice has been given under Sub-Clause 18.2 [*Notice of an Exceptional Event*], or for multiple periods which total more than 140 days due to the same Exceptional Event, then either Party may give to the other Party a Notice of termination of the Contract.

In this event, the date of termination shall be the date 7 days after the Notice is received by the other Party, and the Contractor shall proceed in accordance with Sub-Clause 16.3 [*Contractor's Obligations After Termination*].

After the date of termination the Contractor shall, as soon as practicable, submit detailed supporting particulars (as reasonably required by the Engineer) of the value of the work done, which shall include:



- (a) the amounts payable for any work carried out for which a price is stated in the Contract;
- (b) the Cost of Plant and Materials ordered for the Works which have been delivered to the Contractor, or of which the Contractor is liable to accept delivery. This Plant and Materials shall become the property of (and be at the risk of) the Employer when paid for by the Employer, and the Contractor shall place the same at the Employer's disposal;
- (c) any other Cost or liability which in the circumstances was reasonably incurred by the Contractor in the expectation of completing the Works;
- (d) the Cost of removal of Temporary Works and Contractor's Equipment from the Site and the return of these items to the Contractor's place of business in the Contractor's country (or to any other destination(s) at no greater cost); and
- (e) the Cost of repatriation of the Contractor's staff and labour employed wholly in connection with the Works at the date of termination.

The Engineer shall then proceed under Sub-Clause 3.7 [*Agreement or Determination*] to agree or determine the value of work done (and, for the purpose of Sub-Clause 3.7.3 [*Time limits*], the date the Engineer receives the Contractor's particulars under this Sub-Clause shall be the date of commencement of the time limit for agreement under Sub-Clause 3.7.3).

The Engineer shall issue a Payment Certificate, under Sub-Clause 14.6 [*Issue of IPC*], for the amount so agreed or determined, without the need for the Contractor to submit a Statement.

18.6

Release from Performance under the Law

In addition to any other provision of this Clause, if any event arises outside the control of the Parties (including, but not limited to, an Exceptional Event) which:

- (a) makes it impossible or unlawful for either Party or both Parties to fulfil their contractual obligations; or
- (b) under the law governing the Contract, entitles the Parties to be released from further performance of the Contract,

and if the Parties are unable to agree on an amendment to the Contract that would permit the continued performance of the Contract, then after either Party gives a Notice to the other Party of such event:

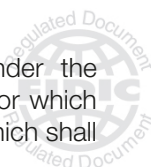
- (i) the Parties shall be discharged from further performance, and without prejudice to the rights of either Party in respect of any previous breach of the Contract; and
- (ii) the amount payable by the Employer to the Contractor shall be the same as would have been payable under Sub-Clause 18.5 [*Optional Termination*], and such amount shall be certified by the Engineer, as if the Contract had been terminated under that Sub-Clause.

19 Insurance

19.1

General Requirements

Without limiting either Party's obligations or responsibilities under the Contract, the Contractor shall effect and maintain all insurances for which the Contractor is responsible with insurers and in terms, both of which shall



be subject to consent by the Employer. These terms shall be consistent with terms (if any) agreed by both Parties before the date of the Letter of Acceptance.

The insurances required to be provided under this Clause are the minimum required by the Employer, and the Contractor may, at the Contractor's own cost, add such other insurances that the Contractor may deem prudent.

Whenever required by the Employer, the Contractor shall produce the insurance policies which the Contractor is required to effect under the Contract. As each premium is paid, the Contractor shall promptly submit either a copy of each receipt of payment to the Employer (with a copy to the Engineer), or confirmation from the insurers that the premium has been paid.

If the Contractor fails to effect and keep in force any of the insurances required under Sub-Clause 19.2 [*Insurances to be provided by the Contractor*] then, and in any such case, the Employer may effect and keep in force such insurances and pay any premium as may be necessary and recover the same from the Contractor from time to time by deducting the amount(s) so paid from any moneys due to the Contractor or otherwise recover the same as a debt from the Contractor. The provisions of Clause 20 [*Employer's and Contractor's Claims*] shall not apply to this Sub-Clause.

If either the Contractor or the Employer fails to comply with any condition of the insurances effected under the Contract, the Party so failing to comply shall indemnify the other Party against all direct losses and claims (including legal fees and expenses) arising from such failure.

The Contractor shall also be responsible for the following:

- (a) notifying the insurers of any changes in the nature, extent or programme for the execution of the Works; and
- (b) the adequacy and validity of the insurances in accordance with the Contract at all times during the performance of the Contract.

The permitted deductible limits allowed in any policy shall not exceed the amounts stated in the Contract Data (if not stated, the amounts agreed with the Employer).

Where there is a shared liability the loss shall be borne by each Party in proportion to each Party's liability, provided the non-recovery from insurers has not been caused by a breach of this Clause by the Contractor or the Employer. In the event that non-recovery from insurers has been caused by such a breach, the defaulting Party shall bear the loss suffered.

19.2

Insurance to be provided by the Contractor

The Contractor shall provide the following insurances:

19.2.1 The Works

The Contractor shall insure and keep insured in the joint names of the Contractor and the Employer from the Commencement Date until the date of the issue of the Taking-Over Certificate for the Works:

- (a) the Works and Contractor's Documents, together with Materials and Plant for incorporation in the Works, for their full replacement value.



- The insurance cover shall extend to include loss and damage of any part of the Works as a consequence of failure of elements defectively designed or constructed with defective material or workmanship; and
- (b) an additional amount of fifteen percent (15%) of such replacement value (or such other amount as may be specified in the Contract Data) to cover any additional costs incidental to the rectification of loss or damage, including professional fees and the cost of demolition and removal of debris.

The insurance cover shall cover the Employer and the Contractor against all loss or damage from whatever cause arising until the issue of the Taking-Over Certificate for the Works. Thereafter, the insurance shall continue until the date of the issue of the Performance Certificate in respect of any incomplete work for loss or damage arising from any cause occurring before the date of the issue of the Taking-Over Certificate for the Works, and for any loss or damage occasioned by the Contractor in the course of any operation carried out by the Contractor for the purpose of complying with the Contractor's obligations under Clause 11 [*Defects after Taking Over*] and Clause 12 [*Tests after Completion*].

However, the insurance cover provided by the Contractor for the Works may exclude any of the following:

- (i) the cost of making good any part of the Works which is defective (including defective material and workmanship) or otherwise does not comply with the Contract, provided that it does not exclude the cost of making good any loss or damage to any other part of the Works attributable to such defect or non-compliance;
- (ii) indirect or consequential loss or damage including any reductions in the Contract Price for delay;
- (iii) wear and tear, shortages and pilferages; and
- (iv) unless otherwise stated in the Contract Data, the risks arising from Exceptional Events.

19.2.2 Goods

The Contractor shall insure, in the joint names of the Contractor and the Employer, the Goods and other things brought to Site by the Contractor to the extent specified and/or amount stated in the Contract Data (if not specified or stated, for their full replacement value including delivery to Site).

The Contractor shall maintain this insurance from the time the Goods are delivered to the Site until they are no longer required for the Works.

19.2.3 Liability for breach of professional duty

To the extent, if any, that the Contractor is responsible for the design of part of the Permanent Works under Sub-Clause 4.1 [*Contractor's General Obligations*], and/or any other design under the Contract, and consistent with the indemnities specified in Clause 17 [*Care of the Works and Indemnities*]:

- (a) the Contractor shall effect and maintain professional indemnity insurance against liability arising out of any act, error or omission by the Contractor in carrying out the Contractor's design obligations in an amount not less than that stated in the Contract Data (if not stated, the amount agreed with the Employer); and
- (b) if stated in the Contract Data, such professional indemnity insurance

shall also indemnify the Contractor against liability arising out of any act, error or omission by the Contractor in carrying out the Contractor's design obligations under the Contract that results in the Works (or Section or Part or major item of Plant, if any), when completed, not being fit for the purpose(s) for which they are intended under Sub-Clause 4.1 [*Contractor's General Obligations*].

The Contractor shall maintain this insurance for the period specified in the Contract Data.

19.2.4 Injury to persons and damage to property

The Contractor shall insure, in the joint names of the Contractor and the Employer, against liabilities for death or injury to any person, or loss of or damage to any property (other than the Works) arising out of the performance of the Contract and occurring before the issue of the Performance Certificate, other than loss or damage caused by an Exceptional Event.

The insurance policy shall include a cross liability clause such that the insurance shall apply to the Contractor and the Employer as separate insureds.

Such insurance shall be effected before the Contractor begins any work on the Site and shall remain in force until the issue of the Performance Certificate and shall be for not less than the amount stated in the Contract Data (if not stated, the amount agreed with the Employer).

19.2.5 Injury to employees

The Contractor shall effect and maintain insurance against liability for claims, damages, losses and expenses (including legal fees and expenses) arising out of the execution of the Works in respect of injury, sickness, disease or death of any person employed by the Contractor or any of the Contractor's other personnel.

The Employer and the Engineer shall also be indemnified under the policy of insurance, except that this insurance may exclude losses and claims to the extent that they arise from any act or neglect of the Employer or of the Employer's Personnel.

The insurance shall be maintained in full force and effect during the whole time that the Contractor's Personnel are assisting in the execution of the Works. For any person employed by a Subcontractor, the insurance may be effected by the Subcontractor, but the Contractor shall be responsible for the Subcontractor's compliance with this Sub-Clause.

19.2.6 Other insurances required by Laws and by local practice

The Contractor shall provide all other insurances required by the Laws of the countries where (any part of) the Works are being carried out, at the Contractor's own cost.

Other insurances required by local practice (if any) shall be detailed in the Contract Data and the Contractor shall provide such insurances in compliance with the details given, at the Contractor's own cost.



20 Employer's and Contractor's Claims

20.1 Claims

A Claim may arise:

- (a) if the Employer considers that the Employer is entitled to any additional payment from the Contractor (or reduction in the Contract Price) and/or to an extension of the DNP;
- (b) if the Contractor considers that the Contractor is entitled to any additional payment from the Employer and/or to EOT; or
- (c) if either Party considers that he/she is entitled to another entitlement or relief against the other Party. Such other entitlement or relief may be of any kind whatsoever (including in connection with any certificate, determination, instruction, Notice, opinion or valuation of the Engineer) except to the extent that it involves any entitlement referred to in sub-paragraphs (a) and/or (b) above.

In the case of a Claim under sub-paragraph (a) or (b) above, Sub-Clause 20.2 [*Claims For Payment and/or EOT*] shall apply.

In the case of a Claim under sub-paragraph (c) above, where the other Party or the Engineer has disagreed with the requested entitlement or relief (or is deemed to have disagreed if he/she does not respond within a reasonable time), a Dispute shall not be deemed to have arisen but the claiming Party may, by giving a Notice refer the Claim to the Engineer and Sub-Clause 3.7 [*Agreement or Determination*] shall apply. This Notice shall be given as soon as practicable after the claiming Party becomes aware of the disagreement (or deemed disagreement) and include details of the claiming Party's case and the other Party's or the Engineer's disagreement (or deemed disagreement).

20.2 Claims For Payment and/or EOT

If either Party considers that he/she is entitled to any additional payment by the other Party (or, in the case of the Employer, a reduction in the Contract Price) and/or to EOT (in the case of the Contractor) or an extension of the DNP (in the case of the Employer) under any Clause of these Conditions or otherwise in connection with the Contract, the following Claim procedure shall apply:

20.2.1 Notice of Claim

The claiming Party shall give a Notice to the Engineer, describing the event or circumstance giving rise to the cost, loss, delay or extension of DNP for which the Claim is made as soon as practicable, and no later than 28 days after the claiming Party became aware, or should have become aware, of the event or circumstance (the "Notice of Claim" in these Conditions).

If the claiming Party fails to give a Notice of Claim within this period of 28 days, the claiming Party shall not be entitled to any additional payment, the Contract Price shall not be reduced (in the case of the Employer as the claiming Party), the Time for Completion (in the case of the Contractor as the claiming Party) or the DNP (in the case of the Employer as the claiming Party) shall not be extended, and the other Party shall be discharged from any liability in connection with the event or circumstance giving rise to the Claim.



20.2.2 Engineer's initial response

If the Engineer considers that the claiming Party has failed to give the Notice of Claim within the period of 28 days under Sub-Clause 20.2.1 [*Notice of Claim*] the Engineer shall, within 14 days after receiving the Notice of Claim, give a Notice to the claiming Party accordingly (with reasons).

If the Engineer does not give such a Notice within this period of 14 days, the Notice of Claim shall be deemed to be a valid Notice. If the other Party disagrees with such deemed valid Notice of Claim the other Party shall give a Notice to the Engineer which shall include details of the disagreement. Thereafter, the agreement or determination of the Claim under Sub-Clause 20.2.5 [*Agreement or determination of the Claim*] shall include a review by the Engineer of such disagreement.

If the claiming Party receives a Notice from the Engineer under this Sub-Clause and disagrees with the Engineer or considers there are circumstances which justify late submission of the Notice of Claim, the claiming Party shall include in its fully detailed Claim under Sub-Clause 20.2.4 [*Fully detailed claim*] details of such disagreement or why such late submission is justified (as the case may be).

20.2.3 Contemporary records

In this Sub-Clause 20.2, "contemporary records" means records that are prepared or generated at the same time, or immediately after, the event or circumstance giving rise to the Claim.

The claiming Party shall keep such contemporary records as may be necessary to substantiate the Claim.

Without admitting the Employer's liability, the Engineer may monitor the Contractor's contemporary records and/or instruct the Contractor to keep additional contemporary records. The Contractor shall permit the Engineer to inspect all these records during normal working hours (or at other times agreed by the Contractor), and shall if instructed submit copies to the Engineer. Such monitoring, inspection or instruction (if any) by the Engineer shall not imply acceptance of the accuracy or completeness of the Contractor's contemporary records.

20.2.4 Fully detailed Claim

In this Sub-Clause 20.2, "fully detailed Claim" means a submission which includes:

- (a) a detailed description of the event or circumstance giving rise to the Claim;
- (b) a statement of the contractual and/or other legal basis of the Claim;
- (c) all contemporary records on which the claiming Party relies; and
- (d) detailed supporting particulars of the amount of additional payment claimed (or amount of reduction of the Contract Price in the case of the Employer as the claiming Party), and/or EOT claimed (in the case of the Contractor) or extension of the DNP claimed (in the case of the Employer).

Within either:

- (i) 84 days after the claiming Party became aware, or should have become aware, of the event or circumstance giving rise to the Claim,

or

- (ii) such other period (if any) as may be proposed by the claiming Party and agreed by the Engineer

the claiming Party shall submit to the Engineer a fully detailed Claim.

If within this time limit the claiming Party fails to submit the statement under sub-paragraph (b) above, the Notice of Claim shall be deemed to have lapsed, it shall no longer be considered as a valid Notice, and the Engineer shall, within 14 days after this time limit has expired, give a Notice to the claiming Party accordingly.

If the Engineer does not give such a Notice within this period of 14 days, the Notice of Claim shall be deemed to be a valid Notice. If the other Party disagrees with such deemed valid Notice of Claim the other Party shall give a Notice to the Engineer which shall include details of the disagreement. Thereafter, the agreement or determination of the Claim under Sub-Clause 20.2.5 [*Agreement or determination of the Claim*] shall include a review by the Engineer of such disagreement.

If the claiming Party receives a Notice from the Engineer under this Sub-Clause 20.2.4 and if the claiming Party disagrees with such Notice or considers there are circumstances which justify late submission of the statement under sub-paragraph (b) above, the fully detailed claim shall include details of the claiming Party's disagreement or why such late submission is justified (as the case may be).

If the event or circumstance giving rise to the Claim has a continuing effect, Sub-Clause 20.2.6 [*Claims of continuing effect*] shall apply.

20.2.5 Agreement or determination of the Claim

After receiving a fully detailed Claim either under Sub-Clause 20.2.4 [*Fully detailed Claim*], or an interim or final fully detailed Claim (as the case may be) under Sub-Clause 20.2.6 [*Claims of continuing effect*], the Engineer shall proceed under Sub-Clause 3.7 [*Agreement or Determination*] to agree or determine:

- (a) the additional payment (if any) to which the claiming Party is entitled or the reduction of the Contract Price (in the case of the Employer as the claiming Party); and/or
- (b) the extension (if any) of the Time for Completion (before or after its expiry) under Sub-Clause 8.5 [*Extension of Time for Completion*] (in the case of the Contractor as the claiming Party), or the extension (if any) of the DNP (before its expiry) under Sub-Clause 11.3 [*Extension of Defects Notification Period*] (in the case of the Employer as the claiming Party),

to which the claiming Party is entitled under the Contract.

If the Engineer has given a Notice under Sub-Clause 20.2.2 [*Engineer's initial response*] and/or under Sub-Clause 20.2.4 [*Fully detailed Claim*], the Claim shall nevertheless be agreed or determined in accordance with this Sub-Clause 20.2.5. The agreement or determination of the Claim shall include whether or not the Notice of Claim shall be treated as a valid Notice taking account of the details (if any) included in the fully detailed claim of the claiming Party's disagreement with such Notice(s) or why late submission is justified (as the case may be). The circumstances which may be taken into account (but shall not be binding) may include:



- whether or to what extent the other Party would be prejudiced by acceptance of the late submission;
- in the case of the time limit under Sub-Clause 20.2.1 [*Notice of Claim*], any evidence of the other Party's prior knowledge of the event or circumstance giving rise to the Claim, which the claiming Party may include in its supporting particulars; and/or
- in the case of the time limit under Sub-Clause 20.2.4 [*Fully detailed Claim*], any evidence of the other Party's prior knowledge of the contractual and/or other legal basis of the Claim, which the claiming Party may include in its supporting particulars.

If, having received the fully detailed Claim under Sub-Clause 20.2.4 [*Fully detailed Claim*], or in the case of a Claim under Sub-Clause 20.2.6 [*Claims of continuing effect*] an interim or final fully detailed Claim (as the case may be), the Engineer requires necessary additional particulars:

- (i) he/she shall promptly give a Notice to the claiming Party, describing the additional particulars and the reasons for requiring them;
- (ii) he/she shall nevertheless give his/her response on the contractual or other legal basis of the Claim, by giving a Notice to the claiming Party, within the time limit for agreement under Sub-Clause 3.7.3 [*Time limits*];
- (iii) as soon as practicable after receiving the Notice under sub-paragraph (i) above, the claiming Party shall submit the additional particulars; and
- (iv) the Engineer shall then proceed under Sub-Clause 3.7 [*Agreement or Determination*] to agree or determine the matters under sub-paragraphs (a) and/or (b) above (and, for the purpose of Sub-Clause 3.7.3 [*Time limits*], the date the Engineer receives the additional particulars from the claiming Party shall be the date of commencement of the time limit for agreement under Sub-Clause 3.7.3).

20.2.6 Claims of continuing effect

If the event or circumstance giving rise to a Claim under this Sub-Clause 20.2 has a continuing effect:

- (a) the fully detailed Claim submitted under Sub-Clause 20.2.4 [*Fully detailed Claim*] shall be considered as interim;
- (b) in respect of this first interim fully detailed Claim, the Engineer shall give his/her response on the contractual or other legal basis of the Claim, by giving a Notice to the claiming Party, within the time limit for agreement under Sub-Clause 3.7.3 [*Time limits*];
- (c) after submitting the first interim fully detailed Claim the claiming Party shall submit further interim fully detailed Claims at monthly intervals, giving the accumulated amount of additional payment claimed (or the reduction of the Contract Price, in the case of the Employer as the claiming Party), and/or extension of time claimed (in the case of the Contractor as the claiming Party) or extension of the DNP (in the case of the Employer as the claiming Party); and
- (d) the claiming Party shall submit a final fully detailed Claim within 28 days after the end of the effects resulting from the event or circumstance, or within such other period as may be proposed by the claiming Party and agreed by the Engineer. This final fully detailed Claim shall give the total amount of additional payment claimed (or the reduction of the Contract Price, in the case of the Employer as the claiming Party), and/or extension of time claimed (in the case of the Contractor as the claiming Party) or extension of the DNP (in the case of the Employer as the claiming Party).

20.2.7 General requirements

After receiving the Notice of Claim, and until the Claim is agreed or determined under Sub-Clause 20.2.5 [*Agreement or determination of the Claim*], in each Payment Certificate the Engineer shall include such amounts for any Claim as have been reasonably substantiated as due to the claiming Party under the relevant provision of the Contract.

The Employer shall only be entitled to claim any payment from the Contractor and/or to extend the DNP, or set off against or make any deduction from any amount due to the Contractor, by complying with this Sub-Clause 20.2.

The requirements of this Sub-Clause 20.2 are in addition to those of any other Sub-Clause which may apply to the Claim. If the claiming Party fails to comply with this or any other Sub-Clause in relation to the Claim, any additional payment and/or any EOT (in the case of the Contractor as the claiming Party) or extension of the DNP (in the case of the Employer as the claiming Party), shall take account of the extent (if any) to which the failure has prevented or prejudiced proper investigation of the Claim by the Engineer.

21 Disputes and Arbitration

21.1

Constitution of the DAAB

Disputes shall be decided by a DAAB in accordance with Sub-Clause 21.4 [*Obtaining DAAB's Decision*]. The Parties shall jointly appoint the member(s) of the DAAB within the time stated in the Contract Data (if not stated, 28 days) after the date the Contractor receives the Letter of Acceptance.

The DAAB shall comprise, as stated in the Contract Data, either one suitably qualified member (the "sole member") or three suitably qualified members (the "members"). If the number is not so stated, and the Parties do not agree otherwise, the DAAB shall comprise three members.

The sole member or three members (as the case may be) shall be selected from those named in the list in the Contract Data, other than anyone who is unable or unwilling to accept appointment to the DAAB.

If the DAAB is to comprise three members, each Party shall select one member for the agreement of the other Party. The Parties shall consult both these members and shall agree the third member, who shall be appointed to act as chairperson.

The DAAB shall be deemed to be constituted on the date that the Parties and the sole member or the three members (as the case may be) of the DAAB have all signed a DAAB Agreement.

The terms of the remuneration of either the sole member or each of the three members, including the remuneration of any expert whom the DAAB consults, shall be mutually agreed by the Parties when agreeing the terms of the DAAB Agreement. Each Party shall be responsible for paying one-half of this remuneration.

If at any time the Parties so agree, they may appoint a suitably qualified person or persons to replace any one or more members of the DAAB. Unless the Parties agree otherwise, a replacement DAAB member shall be appointed if a member declines to act or is unable to act as a result of death,

illness, disability, resignation or termination of appointment. The replacement member shall be appointed in the same manner as the replaced member was required to have been selected or agreed, as described in this Sub-Clause.

The appointment of any member may be terminated by mutual agreement of both Parties, but not by the Employer or the Contractor acting alone.

Unless otherwise agreed by both Parties, the term of the DAAB (including the appointment of each member) shall expire either:

- (a) on the date the discharge shall have become, or deemed to have become, effective under Sub-Clause 14.12 [*Discharge*]; or
- (b) 28 days after the DAAB has given its decision on all Disputes, referred to it under Sub-Clause 21.4 [*Obtaining DAAB's Decision*] before such discharge has become effective,

whichever is later.

However, if the Contract is terminated under any Sub-Clause of these Conditions or otherwise, the term of the DAAB (including the appointment of each member) shall expire 28 days after:

- (i) the DAAB has given its decision on all Disputes, which were referred to it (under Sub-Clause 21.4 [*Obtaining DAAB's Decision*]) within 224 days after the date of termination; or
- (ii) the date that the Parties reach a final agreement on all matters (including payment) in connection with the termination

whichever is earlier.

21.2

Failure to Appoint DAAB Member(s)

If any of the following conditions apply, namely:

- (a) if the DAAB is to comprise a sole member, the Parties fail to agree the appointment of this member by the date stated in the first paragraph of Sub-Clause 21.1 [*Constitution of the DAAB*]; or
- (b) if the DAAB is to comprise three persons, and if by the date stated in the first paragraph of Sub-Clause 21.1 [*Constitution of the DAAB*]:
 - (i) either Party fails to select a member (for agreement by the other Party);
 - (ii) either Party fails to agree a member selected by the other Party; and/or
 - (iii) the Parties fail to agree the appointment of the third member (to act as chairperson) of the DAAB;
- (c) the Parties fail to agree the appointment of a replacement within 42 days after the date on which the sole member or one of the three members declines to act or is unable to act as a result of death, illness, disability, resignation, or termination of appointment; or
- (d) if, after the Parties have agreed the appointment of the member(s) or replacement, such appointment cannot be effected because one Party refuses or fails to sign a DAAB Agreement with any such member or replacement (as the case may be) within 14 days of the other Party's request to do so,

then the appointing entity or official named in the Contract Data shall, at the request of either or both Parties and after due consultation with both Parties, appoint the member(s) of the DAAB (who, in the case of sub-paragraph (d)

above, shall be the agreed member(s) or replacement). This appointment shall be final and conclusive.

Thereafter, the Parties and the member(s) so appointed shall be deemed to have signed and be bound by a DAAB Agreement under which:

- (i) the monthly services fee and daily fee shall be as stated in the terms of the appointment; and
- (ii) the law governing the DAAB Agreement shall be the governing law of the Contract defined in Sub-Clause 1.4 [*Law and Language*].

Each Party shall be responsible for paying one-half of the remuneration of the appointing entity or official. If the Contractor pays the remuneration in full, the Contractor shall include one-half of the amount of such remuneration in a Statement and the Employer shall then pay the Contractor in accordance with the Contract. If the Employer pays the remuneration in full, the Engineer shall include one-half of the amount of such remuneration as a deduction under sub-paragraph (b) of Sub-Clause 14.6.1 [*The IPC*].

21.3

Avoidance of Disputes

If the Parties so agree, they may jointly request (in writing, with a copy to the Engineer) the DAAB to provide assistance and/or informally discuss and attempt to resolve any issue or disagreement that may have arisen between them during the performance of the Contract. If the DAAB becomes aware of an issue or disagreement, it may invite the Parties to make such a joint request.

Such joint request may be made at any time, except during the period that the Engineer is carrying out his/her duties under Sub-Clause 3.7 [*Agreement or Determination*] on the matter at issue or in disagreement unless the Parties agree otherwise.

Such informal assistance may take place during any meeting, Site visit or otherwise. However, unless the Parties agree otherwise, both Parties shall be present at such discussions. The Parties are not bound to act on any advice given during such informal meetings, and the DAAB shall not be bound in any future Dispute resolution process or decision by any views or advice given during the informal assistance process, whether provided orally or in writing.

21.4

Obtaining DAAB's Decision

If a Dispute arises between the Parties then either Party may refer the Dispute to the DAAB for its decision (whether or not any informal discussions have been held under Sub-Clause 21.3 [*Avoidance of Disputes*]) and the following provisions shall apply.

21.4.1 Reference of a Dispute to the DAAB

The reference of a Dispute to the DAAB (the "reference" in this Sub-Clause 21.4) shall:

- (a) if Sub-Clause 3.7 [*Agreement or Determination*] applied to the subject matter of the Dispute, be made within 42 days of giving or receiving (as the case may be) a NOD under Sub-Clause 3.7.5 [*Dissatisfaction with Engineer's determination*]. If the Dispute is not referred to the DAAB within this period of 42 days, such NOD shall be deemed to have lapsed and no longer be valid;
- (b) state that it is given under this Sub-Clause;
- (c) set out the referring Party's case relating to the Dispute;



- (d) be in writing, with copies to the other Party and the Engineer; and
- (e) for a DAAB of three persons, be deemed to have been received by the DAAB on the date it is received by the chairperson of the DAAB.

The reference of a Dispute to the DAAB under this Sub-Clause shall, unless prohibited by law, be deemed to interrupt the running of any applicable statute of limitation or prescription period.

21.4.2 The Parties' obligations after the reference

Both Parties shall promptly make available to the DAAB all information, access to the Site, and appropriate facilities, as the DAAB may require for the purposes of making a decision on the Dispute.

Unless the Contract has already been abandoned or terminated, the Parties shall continue to perform their obligations in accordance with the Contract.

21.4.3 The DAAB's decision

The DAAB shall complete and give its decision within:

- (a) 84 days after receiving the reference; or
- (b) such period as may be proposed by the DAAB and agreed by both Parties.

However, if at the end of this period, the due date(s) for payment of any DAAB member's invoice(s) has passed but such invoice(s) remains unpaid, the DAAB shall not be obliged to give its decision until such outstanding invoice(s) have been paid in full, in which case the DAAB shall give its decision as soon as practicable after payment has been received.

The decision shall be given in writing to both Parties with a copy to the Engineer, shall be reasoned, and shall state that it is given under this Sub-Clause.

The decision shall be binding on both Parties, who shall promptly comply with it whether or not a Party gives a NOD with respect to such decision under this Sub-Clause. The Employer shall be responsible for the Engineer's compliance with the DAAB decision.

If the decision of the DAAB requires a payment of an amount by one Party to the other Party

- (i) subject to sub-paragraph (ii) below, this amount shall be immediately due and payable without any certification or Notice; and
- (ii) the DAAB may (as part of the decision), at the request of a Party but only if there are reasonable grounds for the DAAB to believe that the payee will be unable to repay such amount in the event that the decision is reversed under Sub-Clause 21.6 [Arbitration], require the payee to provide an appropriate security (at the DAAB's sole discretion) in respect of such amount.

The DAAB proceeding shall not be deemed to be an arbitration and the DAAB shall not act as arbitrator(s).

21.4.4 Dissatisfaction with DAAB's decision

If either Party is dissatisfied with the DAAB's decision:

- (a) such Party may give a NOD to the other Party, with a copy to the DAAB and to the Engineer;
- (b) this NOD shall state that it is a "Notice of Dissatisfaction with the DAAB's Decision" and shall set out the matter in Dispute and the reason(s) for dissatisfaction; and
- (c) this NOD shall be given within 28 days after receiving the DAAB's decision.

If the DAAB fails to give its decision within the period stated in Sub-Clause 21.4.3 [*The DAAB's decision*], then either Party may, within 28 days after this period has expired, give a NOD to the other Party in accordance with sub-paragraphs (a) and (b) above.

Except as stated in the last paragraph of Sub-Clause 3.7.5 [*Dissatisfaction with Engineer's determination*], in Sub-Clause 21.7 [*Failure to Comply with DAAB's Decision*] and in Sub-Clause 21.8 [*No DAAB In Place*], neither Party shall be entitled to commence arbitration of a Dispute unless a NOD in respect of that Dispute has been given in accordance with this Sub-Clause 21.4.4.

If the DAAB has given its decision as to a matter in Dispute to both Parties, and no NOD under this Sub-Clause 21.4.4 has been given by either Party within 28 days after receiving the DAAB's decision, then the decision shall become final and binding on both Parties.

If the dissatisfied Party is dissatisfied with only part(s) of the DAAB's decision:

- (i) this part(s) shall be clearly identified in the NOD;
- (ii) this part(s), and any other parts of the decision that are affected by such part(s) or rely on such part(s) for completeness, shall be deemed to be severable from the remainder of the decision; and
- (iii) the remainder of the decision shall become final and binding on both Parties as if the NOD had not been given.

21.5

Amicable Settlement

Where a NOD has been given under Sub-Clause 21.4 [*Obtaining DAAB's Decision*], both Parties shall attempt to settle the Dispute amicably before the commencement of arbitration. However, unless both Parties agree otherwise, arbitration may be commenced on or after the twenty-eighth (28th) day after the day on which this NOD was given, even if no attempt at amicable settlement has been made.

21.6

Arbitration

Unless settled amicably, and subject to Sub-Clause 3.7.5 [*Dissatisfaction with Engineer's determination*], Sub-Clause 21.4.4 [*Dissatisfaction with DAAB's decision*], Sub-Clause 21.7 [*Failure to Comply with DAAB's Decision*] and Sub-Clause 21.8 [*No DAAB In Place*], any Dispute in respect of which the DAAB's decision (if any) has not become final and binding shall be finally settled by international arbitration. Unless otherwise agreed by both Parties:

- (a) the Dispute shall be finally settled under the Rules of Arbitration of the International Chamber of Commerce;
- (b) the Dispute shall be settled by one or three arbitrators appointed in accordance with these Rules; and



- (c) the arbitration shall be conducted in the ruling language defined in Sub-Clause 1.4 [*Law and Language*].

The arbitrator(s) shall have full power to open up, review and revise any certificate, determination (other than a final and binding determination), instruction, opinion or valuation of the Engineer, and any decision of the DAAB (other than a final and binding decision) relevant to the Dispute. Nothing shall disqualify the Engineer from being called as a witness and giving evidence before the arbitrator(s) on any matter whatsoever relevant to the Dispute.

In any award dealing with costs of the arbitration, the arbitrator(s) may take account of the extent (if any) to which a Party failed to cooperate with the other Party in constituting a DAAB under Sub-Clause 21.1 [*Constitution of the DAAB*] and/or Sub-Clause 21.2 [*Failure to Appoint DAAB Member(s)*].

Neither Party shall be limited in the proceedings before the arbitrator(s) to the evidence or arguments previously put before the DAAB to obtain its decision, or to the reasons for dissatisfaction given in the Party's NOD under Sub-Clause 21.4 [*Obtaining DAAB's Decision*]. Any decision of the DAAB shall be admissible in evidence in the arbitration.

Arbitration may be commenced before or after completion of the Works. The obligations of the Parties, the Engineer and the DAAB shall not be altered by reason of any arbitration being conducted during the progress of the Works.

If an award requires a payment of an amount by one Party to the other Party, this amount shall be immediately due and payable without any further certification or Notice.

21.7

Failure to Comply with DAAB's Decision

In the event that a Party fails to comply with any decision of the DAAB, whether binding or final and binding, then the other Party may, without prejudice to any other rights it may have, refer the failure itself directly to arbitration under Sub-Clause 21.6 [*Arbitration*] in which case Sub-Clause 21.4 [*Obtaining DAAB's Decision*] and Sub-Clause 21.5 [*Amicable Settlement*] shall not apply to this reference. The arbitral tribunal (constituted under Sub-Clause 21.6 [*Arbitration*]) shall have the power, by way of summary or other expedited procedure, to order, whether by an interim or provisional measure or an award (as may be appropriate under applicable law or otherwise), the enforcement of that decision.

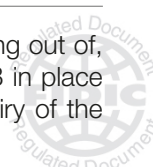
In the case of a binding but not final decision of the DAAB, such interim or provisional measure or award shall be subject to the express reservation that the rights of the Parties as to the merits of the Dispute are reserved until they are resolved by an award.

Any interim or provisional measure or award enforcing a decision of the DAAB which has not been complied with, whether such decision is binding or final and binding, may also include an order or award of damages or other relief.

21.8

No DAAB In Place

If a Dispute arises between the Parties in connection with, or arising out of, the Contract or the execution of the Works and there is no DAAB in place (or no DAAB is being constituted), whether by reason of the expiry of the DAAB's appointment or otherwise:



- (a) Sub-Clause 21.4 [*Obtaining DAAB's Decision*] and Sub-Clause 21.5 [*Amicable Settlement*] shall not apply; and
 - (b) the Dispute may be referred by either Party directly to arbitration under Sub-Clause 21.6 [*Arbitration*] without prejudice to any other rights the Party may have.
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APPENDIX

General Conditions of Dispute Avoidance/Adjudication Agreement

- 1**
Definitions
- 1.1 **“General Conditions of Dispute Avoidance/Adjudication Agreement”** or **“GCs”** means this document entitled “General Conditions of Dispute Avoidance/Adjudication Agreement”, as published by FIDIC.
- 1.2 In the DAA Agreement (as defined below) and in the GCs, words and expressions which are not otherwise defined shall have the meanings assigned to them in the Contract (as defined in the DAA Agreement).
- 1.3 **“Dispute Avoidance/Adjudication Agreement”** or **“DAA Agreement”** means a tripartite agreement by and between:
- (a) the Employer;
 - (b) the Contractor; and
 - (c) the DAAB Member who is defined in the DAA Agreement as being either:
 - (i) the sole member of the DAAB, or
 - (ii) one of the three members (or the chairman) of the DAAB.
- 1.3 **“DAAB’s Activities”** means the activities carried out by the DAAB in accordance with the Contract and the GCs, including all Informal Assistance, meetings (including meetings and/or discussions between the DAAB members in the case of a three-member DAAB), Site visits, hearings and decisions.
- 1.4 **“DAAB Rules”** means the document entitled **“DAAB Procedural Rules”** published by FIDIC which are annexed to, and form part of, the GCs.
- 1.5 **“Informal Assistance”** means the informal assistance given by the DAAB to the Parties when requested jointly by the Parties under Sub-Clause 21.3 [*Avoidance of Disputes*] of the Conditions of Contract.
- 1.6 **“Term of the DAAB”** means the period starting on the Effective Date (as defined in Sub-Clause 2.1 below) and finishing on the date that the term of the DAAB expires in accordance with Sub-Clause 21.1 [*Constitution of the DAAB*] of the Conditions of Contract.
- 1.7 **“Notification”** means a notice in writing given under the GCs, which shall be:
- (a) (i) a paper-original signed by the DAAB Member or the authorised representative of the Contractor or of the Employer (as the case may be); or
 - (ii) an electronic original generated from the system of electronic transmission agreed between the Parties and the DAAB, which electronic original is transmitted by the electronic address uniquely assigned to the DAAB Member or each such authorised representative (as the case may be);

- (b) delivered by hand (against receipt), or sent by mail or courier (against receipt), or transmitted using the system of electronic transmission under sub-paragraph (a)(ii) above; and
- (c) delivered, sent or transmitted to the address for the recipient's communications as stated in the DAA Agreement. However, if the recipient gives a Notification of another address, all Notifications shall be delivered accordingly after the sender receives such Notification.

2

General Provisions

- 2.1 The DAA Agreement shall take effect:
- (a) in the case of a sole-member DAAB, on the date when the Employer, the Contractor and the DAAB Member have each signed (or, under the Contract, are deemed to have signed) the DAA Agreement; or
 - (b) in the case of a three-member DAAB, on the date when the Employer, the Contractor, the DAAB Member and the Other Members have each signed (or under the Contract are deemed to have signed) a DAA Agreement.

(the "**Effective Date**" in the GCs).

- 2.2 Immediately after the Effective Date, either or both Parties shall give a Notification to the DAAB Member that the DAA Agreement has come into effect. If the DAAB Member does not receive such a notice within 182 days after entering into the DAA Agreement, it shall be void and ineffective.
- 2.3 The employment of the DAAB Member is a personal appointment. No assignment of, or subcontracting or delegation of the DAAB Member's rights and/or obligations under the DAA Agreement is permitted.

3

Warranties

- 3.1 The DAAB Member warrants and agrees that he/she is, and will remain at all times during the Term of the DAAB, impartial and independent of the Employer, the Contractor, the Employer's Personnel and the Contractor's Personnel (including in accordance with Sub-Clause 4.1 below).
- 3.2 If, after signing the DAA Agreement (or after he/she is deemed to have signed the DAA Agreement under the Contract), the DAAB Member becomes aware of any fact or circumstance which might:
- (a) call into question his/her independence or impartiality; and/or
 - (b) be, or appear to be, inconsistent with his/her warranty and agreement under Sub-Clause 3.1 above
- the DAAB Member warrants and agrees that he/she shall immediately disclose this in writing to the Parties and the Other Members (if any).
- 3.3 When appointing the DAAB Member, each Party relies on the DAAB Member's representations that he/she is:
- (a) experienced and/or knowledgeable in the type of work which the Contractor is to carry out under the Contract;
 - (b) experienced in the interpretation of construction and/or engineering contract documentation; and
 - (c) fluent in the language for communications stated in the Contract Data (or the language as agreed between the Parties and the DAAB).

Independence and Impartiality

- 4.1 Further to Sub-Clauses 3.1 and 3.2 above, the DAAB Member shall:
- (a) have no financial interest in the Contract, or in the project of which the Works are part, except for payment under the DAA Agreement;
 - (b) have no interest whatsoever (financial or otherwise) in the Employer, the Contractor, the Employer's Personnel or the Contractor's Personnel;
 - (c) in the ten years before signing the DAA Agreement, not have been employed as a consultant or otherwise by the Employer, the Contractor, the Employer's Personnel or the Contractor's Personnel;
 - (d) not previously have acted, and shall not act, in any judicial or arbitral capacity in relation to the Contract;
 - (e) have disclosed in writing to the Employer, the Contractor and the Other Members (if any), before signing the DAA Agreement (or before he/she is deemed to have signed the DAA Agreement under the Contract) and to his/her best knowledge and recollection, any:
 - (i) existing and/or past professional or personal relationships with any director, officer or employee of the Employer, the Contractor, the Employer's Personnel or the Contractor's Personnel (including as a dispute resolution practitioner on another project),
 - (ii) facts or circumstances which might call into question his/her independence or impartiality, and
 - (iii) previous involvement in the project of which the Contract forms part;
 - (f) not, while a DAAB Member and for the Term of the DAAB:
 - (i) be employed as a consultant or otherwise by, and/or
 - (ii) enter into discussions or make any agreement regarding future employment with

the Employer, the Contractor, the Employer's Personnel or the Contractor's Personnel, except as may be agreed by the Employer, the Contractor and the Other Members (if any); and/or

- (g) not solicit, accept or receive (directly or indirectly) any gift, gratuity, commission or other thing of value from the Employer, the Contractor, the Employer's Personnel or the Contractor's Personnel, except for payment under the DAA Agreement.

General Obligations of the DAAB Member

- 5.1 The DAAB Member shall:
- (a) comply with the GCs, the DAAB Rules and the Conditions of Contract that are relevant to the DAAB's Activities;
 - (b) not give advice to the Employer, the Contractor, the Employer's Personnel or the Contractor's Personnel concerning the conduct of the Contract, except as required to carry out the DAAB's Activities;
 - (c) ensure his/her availability during the Term of the DAAB (except in exceptional circumstances, in which case the DAAB Member shall give a Notification without delay to the Parties and the Other Members (if any) detailing the exceptional circumstances) for all meetings, Site visits, hearings and as is necessary to comply with sub-paragraph (a) above;
 - (d) become, and shall remain for the duration of the Term of the DAAB, knowledgeable about the Contract and informed about:

- (i) the Parties' performance of the Contract;
- (ii) the Site and its surroundings; and
- (iii) the progress of the Works (and of any other parts of the project of which the Contract forms part)

including by visiting the Site, meeting with the Parties and by studying all documents received from either Party under Rule 4.3 of the DAAB Rules (which shall be maintained in a current working file, in hard-copy or electronic format at the DAAB Member's discretion); and

- (e) be available to give Informal Assistance when requested jointly by the Parties.

6

General Obligations of the Parties

- 6.1 Each Party shall comply with the GCs, the DAAB Rules and the Conditions of Contract that are relevant to the DAAB's Activities. The Employer and the Contractor shall be responsible for compliance with this provision by the Employer's Personnel and the Contractor's Personnel, respectively.
- 6.2 Each Party shall cooperate with the other Party in constituting the DAAB, under Sub-Clause 21.1 [*Constitution of the DAAB*] and/or Sub-Clause 21.2 [*Failure to Appoint DAAB Member(s)*] of the Conditions of Contract, without delay.
- 6.3 In connection with the DAAB's Activities, each Party shall:
- (a) cooperate in good faith with the DAAB; and
 - (b) fulfil its duties, and exercise any right or entitlement, under the Contract, the GCs and the DAAB Rules and/or otherwise
- in the manner necessary to achieve the objectives under Rule 1 of the DAAB Rules.
- 6.4 The Parties, the Employer's Personnel and the Contractor's Personnel shall not request advice from or consultation with the DAAB Member regarding the Contract, except as required for the DAAB Member to carry out the DAAB's Activities.
- 6.5 At all times when interacting with the DAAB, each Party shall not compromise the DAAB's warranty of independence and impartiality under Sub-Clause 3.1 above.
- 6.6 In addition to providing documents under Rule 4.3 of the DAAB Rules, each Party shall ensure that the DAAB Member remains informed as is necessary to enable him/her to comply with sub-paragraph (d) of Sub-Clause 5.1 above.

7

Confidentiality

- 7.1 Subject to Sub-Clause 7.4 below, the DAAB Member shall treat the details of the Contract, all the DAAB's Activities and the documents provided under Rule 4.3 of the DAAB Rules as private and confidential, and shall not publish or disclose them without the prior written consent of the Parties and the Other Members (if any).
- 7.2 Subject to Sub-Clause 7.4 below, the Employer, the Contractor, the Employer's Personnel and the Contractor's Personnel shall treat the details of all the DAAB's Activities as private and confidential.



- 7.3 Each person's obligation of confidentiality under Sub-Clause 7.1 or Sub-Clause 7.2 above (as the case may be) shall not apply where the information:
- (a) was already in that person's possession without an obligation of confidentiality before receipt under the DAA Agreement;
 - (b) becomes generally available to the public through no breach of the GCs; or
 - (c) is lawfully obtained by the person from a third party which is not bound by an obligation of confidentiality.
- 7.4 If a DAAB Member is replaced under the Contract, the Parties and/or the Other Members (if any) shall disclose details of the Contract, the documents provided under Rule 4.3 of the DAAB Rules and previous DAAB's Activities (including decisions, if any) to the replacement DAAB Member as is necessary in order to:
- (a) enable the replacement DAAB Member to comply with sub-paragraph (d) of Sub-Clause 5.1 above; and
 - (b) ensure consistency in the manner in which the DAAB's Activities are conducted following such replacement.

8

The Parties' undertaking and indemnity

- 8.1 The Employer and the Contractor undertake to each other and to the DAAB Member that the DAAB Member shall not:
- (a) be appointed as an arbitrator in any arbitration under the Contract;
 - (b) be called as a witness to give evidence concerning any Dispute in any arbitration under the Contract; or
 - (c) be liable for any claims for anything done or omitted in the discharge or purported discharge of the DAAB Member's functions, except in any case of fraud, gross negligence, deliberate default or reckless misconduct by him/her.
- 8.2 The Employer and the Contractor hereby jointly and severally indemnify and hold the DAAB Member harmless against and from all damages, losses and expenses (including legal fees and expenses) resulting from any claim from which he/she is relieved from liability under Sub-Clause 8.1 above.

9

Fees and Expenses

- 9.1 The DAAB Member shall be paid as follows, in the currency named in the DAA Agreement:
- (a) a monthly fee, which shall be a fixed fee as payment in full for:
 - (i) being available on 28-days' notice for all meetings, Site visits and hearings under the DAAB Rules (and, in the event of a request under Rule 3.6 of the DAAB Rules, being available for an urgent meeting or Site visit);
 - (ii) becoming and remaining knowledgeable about the Contract, informed about the progress of the Works and maintaining a current working file of documents, in accordance with sub-paragraph (d) of Clause 5.1 above;
 - (iii) all office and overhead expenses including secretarial services, photocopying and office supplies incurred in connection with his/her duties; and



- (iv) all services performed hereunder except those referred to in sub-paragraphs (b) and (c) of this Clause.

This fee shall be paid monthly with effect from the last day of the month in which the Effective Date occurs until the end of the month in which the Term of the DAAB expires, or the DAAB Member declines to act or is unable to act as a result of death, illness, disability, resignation or termination of his/her DAA Agreement.

If no monthly fee is stated in the DAA Agreement, the matters described in sub-paragraphs (i) to (iv) above shall be deemed to be covered by the daily fee under sub-paragraph (b) below;

- (b) a daily fee, which shall be considered as payment in full for each day:
 - (i) or part of a day, up to a maximum of two days' travel time in each direction, for the journey between the DAAB Member's home and the Site, or another location of a meeting with the Parties and/or the Other Members (if any);
 - (ii) spent on attending meetings and making Site visits in accordance with Rule 3 of the DAAB Rules, and writing reports in accordance with Rule 3.10 of the DAAB Rules;
 - (iii) spent on giving Informal Assistance;
 - (iv) spent on attending hearings (and, in case of a three-member DAAB, attending meeting(s) between the DAAB Members in accordance with sub-paragraph (a) of Rule 8.2 of the DAAB Rules, and communicating with the Other Members), and preparing decisions; and
 - (v) spent in preparation for a hearing, and studying written documentation and arguments from the Parties submitted in accordance with sub-paragraph (c) of Rule 7.1 of the DAAB Rules;
- (c) all reasonable expenses, including necessary travel expenses (air fare in business class or equivalent, hotel and subsistence and other direct travel expenses, including visa charges) incurred in connection with the DAAB Member's duties, as well as the cost of telephone calls (and video conference calls, if any, and internet access), courier charges and faxes. The DAAB Member shall provide the Parties with a receipt for each item of expenses;
- (d) any taxes properly levied in the Country on payments made to the DAAB Member (unless a national or permanent resident of the Country) under this Sub-Clause 9.1.

9.2 Subject to Sub-Clause 9.3 below, the amounts of the DAAB Member's monthly fee and daily fee, under Sub-Clause 9.1 above, shall be as specified in the DAA Agreement signed (or, under the Contract, deemed to have been signed) by the Parties and the DAAB Member.

9.3 If the Parties and the DAAB Member have agreed all other terms of the DAA Agreement but fail to jointly agree the amount of the monthly fee or the daily fee in the DAA Agreement (the "non-agreed fee" in this Sub-Clause):

- (a) the DAA Agreement shall nevertheless be deemed to have been signed by the Parties and the DAAB Member, except that the fee proposed by the DAAB Member shall only temporarily apply;
- (b) either Party or the DAAB Member may apply to the appointing entity or official named in the Contract Data to set the amount of the non-agreed fee;



- (c) the appointing entity or official shall, as soon as practicable and in any case within 28 days after receiving any such application, set the amount of the non-agreed fee, which amount shall be reasonable taking due regard of the complexity of the Works, the experience and qualifications of the DAAB Member, and all other relevant circumstances;
- (d) once the appointing entity or official has set the amount of the non-agreed fee, this amount shall be final and conclusive, shall replace the fee under sub-paragraph (a) above, and shall be deemed to have applied from the Effective Date; and
- (e) thereafter, after giving credit to the Parties for all amounts previously paid in respect of the non-agreed fee, the balance (if any) due from the DAAB Member to the Parties or from the Parties to the DAAB Member, as the case may be, shall be paid.

9.4 The DAAB Member shall submit invoices for payment of the monthly fee and air fares quarterly in advance. Invoices for other expenses and for daily fees shall be submitted following the conclusion of a meeting, Site visit or hearing; and following the giving of a decision or an informal written note (under Rule 2.1 of the DAAB Rules). All invoices shall be accompanied by a brief description of the DAAB's Activities performed during the relevant period and shall be addressed to the Contractor.

9.5 The Contractor shall pay each of the DAAB Member's invoices in full within 28 days after receiving each invoice. Thereafter, the Contractor shall apply to the Employer (in the Statements under the Contract) for reimbursement of one-half of the amounts of these invoices. The Employer shall then pay the Contractor in accordance with the Contract.

9.6 If the Contractor fails to pay to the DAAB Member the amount to which he/she is entitled under the DAA Agreement within the period of 28 days stated at Sub-Clause 9.5 above, the DAAB Member shall inform the Employer who shall promptly pay the amount due to the DAAB Member and any other amount which may be required to maintain the function of the DAAB. Thereafter the Employer shall, by written request, be entitled to payment from the Contractor of:

- (a) all sums paid in excess of one-half of these amounts;
- (b) the reasonable costs of recovering these amounts from the Contractor; and
- (b) financing charges calculated at the rate specified in Sub-Clause 14.9 [Delayed Payment] of the Conditions of Contract.

The Employer shall be entitled to such payment from the Contractor without any requirement to comply with Sub-Clause 20.2 [Claims For Payment and/or EOT] of the Conditions of Contract, and without prejudice to any other right or remedy.

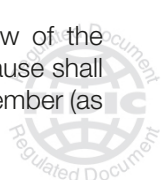
9.7 If the DAAB Member does not receive payment of the amount due within 56 days after submitting a valid invoice, the DAAB Member may:

- (a) not less than 7 days after giving a Notification to the Parties and the Other Members (if any), suspend his/her services until the payment is received; and/or
- (b) resign his/her appointment by giving a Notification under Sub-Clause 10.1 below.



Resignation**and Termination**

- 10.1 The DAAB Member may resign at any time for any reason, by giving a Notification of not less than 28 days (or other period as may be agreed by the Parties) to the Parties and to the Other Members (if any). During this period the Parties shall take the necessary steps to appoint, without delay, a replacement DAAB Member in accordance with Sub-Clause 21.1 [*Constitution of the DAAB*] of the Conditions of Contract (and, if applicable, Sub-Clause 21.2 [*Failure to Appoint DAAB Member(s)*] of the Conditions of Contract).
- 10.2 On expiry of the period stated in Sub-Clause 10.1 above, the resigning DAAB Member's DAA Agreement shall terminate with immediate effect. However (except if the DAAB Member is unable to act as a result of illness or disability) if, on the date of the DAAB Member's notice under Sub-Clause 10.1 above, the DAAB is dealing with any Dispute under Sub-Clause 21.4 [*Obtaining DAAB's Decision*] of the Conditions of Contract, the DAAB Member's resignation shall not take effect and his/her DAA Agreement shall not terminate until after the DAAB has given all the corresponding decisions in accordance with the Contract.
- 10.3 At any time the Parties may jointly terminate the DAA Agreement by giving a Notification of not less than 42 days to the DAAB Member.
- 10.4 If the DAAB Member fails, without justifiable excuse, to comply with Sub-Clause 5.1 above, the Parties may, without prejudice to their other rights or remedies, jointly terminate his/her DAA Agreement by giving a Notification (by recorded delivery) to the DAAB Member. This notice shall take effect when it is received by the DAAB Member.
- 10.5 If either Party fails, without justifiable excuse, to comply with Clause 6 above, the DAAB Member may, without prejudice to his/her other rights or remedies, terminate the DAA Agreement by giving a Notification to the Parties. This notice shall take effect when received by both Parties.
- 10.6 Any resignation or termination under this Clause shall be final and binding on the Parties and the DAAB Member. However, a notice given under Sub-Clause 10.3 or 10.4 above by either the Employer or the Contractor, but not by both, shall be of no effect.
- 10.7 Subject to sub-paragraph (b) of Sub-Clause 11.5 below, in the event of resignation or termination under this Clause the DAAB Member shall nevertheless be entitled to payment of any fees and/or expenses under his/her DAA Agreement that remain outstanding as of the date of termination of his/her DAA Agreement.
- 10.8 After resignation by the DAAB Member or termination of his/her DAA Agreement under this Clause, the DAAB Member shall:
- (a) remain bound by his/her obligation of confidentiality under Sub-Clause 7.1 above; and
 - (b) return the original of any document in his/her possession to the Party who submitted such document in connection with the DAAB's Activities, at that Party's written request and cost.
- 10.9 Subject to any mandatory requirements under the governing law of the DAA Agreement, termination of the DAA Agreement under this Clause shall require no action of whatsoever kind by the Parties or the DAAB Member (as the case may be) other than as stated in this Clause.



11**Challenge**

- 11.1 The Parties shall not object against the DAAB Member, except that either Party, or in the case of a three-member DAAB the Other Members jointly, shall be entitled to do so for an alleged lack of independence or impartiality or otherwise in which case Rule 10 Objection Procedure and Rule 11 Challenge Procedure of the DAAB Rules shall apply.
- 11.2 The decision issued under Rule 11 of the DAAB Rules (the “Decision on the Challenge” in the GCs) shall be final and conclusive.
- 11.3 At any time before the Decision on the Challenge is issued, the challenged DAAB Member may resign under Sub-Clause 10.1 above and, in such case, the challenging Party shall inform the International Chamber of Commerce (ICC). However, Sub-Clause 10.2 shall not apply to such resignation and the resigning DAAB Member’s DAA Agreement shall terminate with immediate effect.
- 11.4 Unless the challenged DAAB Member has resigned, or his/her DAA Agreement has been terminated under Sub-Clause 10.3 above, the DAAB Member and the Other Members (if any) shall continue with the DAAB’s Activities until the Decision on the Challenge is issued.
- 11.5. If the Decision on the Challenge is that the challenge is successful:
- (a) the challenged DAAB Member’s appointment, and his/her DAA Agreement, shall be deemed to have been terminated with immediate effect on the date of the notification of the Decision on the Challenge by ICC;
 - (b) the challenged DAAB Member shall not be entitled to any fees or expenses under his/her DAA Agreement from the date of the notification of the Decision on the Challenge by ICC;
 - (c) any decision under Sub-Clause 21.4.3 [*The DAAB’s decision*] of the Conditions of Contract, given by the DAAB:
 - (i) after the challenge was referred under Rule 11 of the DAAB Rules; and
 - (ii) before the resignation (if any) of the challenged DAAB Member under Sub-Clause 11.3 above, or his/her DAAB Agreement is terminated under sub-paragraph (a) above or under Sub-Clause 10.3 above

shall become void and ineffective. In the case of a sole-member DAAB, all other DAAB’s Activities during this period shall also become void and ineffective. In the case of a three-member DAAB, all other DAAB’s Activities during this period shall remain unaffected by the Decision on the Challenge except if there has been a challenge to all three members of the DAAB and such challenge is successful;
 - (d) the successfully challenged DAAB Member shall be removed from the DAAB; and
 - (e) the Parties shall, without delay, appoint a replacement DAAB Member in accordance with Sub-Clause 21.1 [*Constitution of the DAAB*] of the Conditions of Contract.

12**Disputes under
the DAA Agreement**

Any dispute arising out of or in connection with the DAA Agreement, or the breach, termination or invalidity thereof, shall be finally settled by arbitration under the Rules of Arbitration of the International Chamber of Commerce

2017 by one arbitrator appointed in accordance with these Rules of Arbitration, and Article 30 and the Expedited Procedure Rules at Appendix VI of these Rules of Arbitration shall apply.



Rule 1**Objectives**

- 1.1 The objectives of these Rules are:
- (a) to facilitate the avoidance of Disputes that might otherwise arise between the Parties; and
 - (b) to achieve the expeditious, efficient and cost effective resolution of any Dispute that arises between the Parties.
- 1.2 These Rules shall be interpreted, the DAAB's Activities shall be conducted and the DAAB shall use its powers under the Contract and these Rules, in the manner necessary to achieve the above objectives.

Rule 2**Avoidance of Disputes**

- 2.1 Where Sub-Clause 21.3 [*Avoidance of Disputes*] of the Conditions of Contract applies, the DAAB (in the case of a three-member DAAB, all three DAAB Members acting together) may give Informal Assistance during discussions at any meeting with the Parties (whether face-to-face or by telephone or by video conference) or at any Site visit or by an informal written note to the Parties.

Rule 3**Meetings and Site Visits**

- 3.1 The purpose of meetings with the Parties and Site visits by the DAAB is to enable the DAAB to:
- (a) become and remain informed about the matters described in sub-paragraphs (d)(i) to (d)(iii) of Sub-Clause 5.1 of the GCs;
 - (b) become aware of, and remain informed about, any actual or potential issue or disagreement between the Parties; and
 - (c) give Informal Assistance if and when jointly requested by the Parties.
- 3.2 As soon as practicable after the DAAB is appointed, the DAAB shall convene a face-to-face meeting with the Parties. At this meeting, the DAAB shall establish a schedule of planned meetings and Site visits in consultation with the Parties, which schedule shall reflect the requirements of Rule 3.3 below and shall be subject to adjustment by the DAAB in consultation with the Parties.
- 3.3 The DAAB shall hold face-to-face meetings with the Parties, and/or visit the Site, at regular intervals and/or at the written request of either Party. The frequency of such meetings and/or Site visits shall be:
- (a) sufficient to achieve the purpose under Rule 3.1 above;
 - (b) at intervals of not more than 140 days unless otherwise agreed jointly by the Parties and the DAAB; and
 - (c) at intervals of not less than 70 days, subject to Rules 3.5 and 3.6 below and except as required to conduct a hearing as described under Rule 7 below, unless otherwise agreed jointly by the Parties and the DAAB.
- 3.4 In addition to the face-to-face meetings referred to in Rules 3.2 and 3.3 above, the DAAB may also hold meetings with the Parties by telephone or video conference as agreed with the Parties (in which case each Party bears the risk of interrupted or faulty telephone or video conference transmission and reception).

- 3.5 At times of critical construction events (which may include suspension of the Works or termination of the Contract), the DAAB shall visit the Site at the written request of either Party. This request shall describe the critical construction event. If the DAAB becomes aware of an upcoming critical construction event, it may invite the Parties to make such a request.
- 3.6 Either Party may request an urgent meeting or Site visit by the DAAB. This shall be a written request and shall give reasons for the urgency of the meeting or Site visit. If the DAAB agrees that such a meeting or Site visit is urgent, the DAAB Members shall use all reasonable endeavours to:
- (a) hold a meeting with the Parties by telephone or video conference (as agreed with the Parties under Rule 3.4 above) within 3 days after receiving the request; and
 - (b) if requested and (having given the other Party opportunity at this meeting to respond to or oppose this request) the DAAB agrees that a Site visit is necessary, visit the Site within 14 days after the date of this meeting.
- 3.7 The time of, and agenda for, each meeting and Site visit shall be set by the DAAB in consultation with the Parties.
- 3.8 Each meeting and Site visit shall be attended by the Employer, the Contractor and the Engineer.
- 3.9 Each meeting and Site visit shall be co-ordinated by the Contractor in co-operation with the Employer and the Engineer. The Contractor shall ensure the provision of appropriate:
- (a) personal safety equipment, security controls (if necessary) and site transport for each Site visit;
 - (b) meeting room/conference facilities and secretarial and copying services for each face-to-face meeting; and
 - (c) telephone conference or video conference facilities for each meeting by telephone or video conference.
- 3.10 At the conclusion of each meeting and Site visit and, if possible before leaving the venue of the face-to-face meeting or the Site (as the case may be) but in any event within 7 days, the DAAB shall prepare a report on its activities during the meeting or Site visit and shall send copies of this report to the Parties and the Engineer.

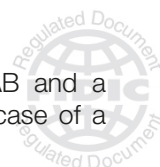
Rule 4

Communications and Documentation

- 4.1 The language to be used:
- (a) in all communications to and from the DAAB and the Parties (and, in the case of a three-member DAAB, between the DAAB Members);
 - (b) in all reports and decisions issued by the DAAB; and
 - (c) during all Site visits, meetings and hearings relating to the DAAB's Activities

shall be the language for communications defined in Sub-Clause 1.4 [Law and Language] of the Conditions of Contract, unless otherwise agreed jointly by the Parties and the DAAB.

- 4.2 All communications and/or documents sent between the DAAB and a Party shall simultaneously be copied to the other Party. In the case of a



three-member DAAB, the sending Party shall send all communications and/or documents to the chairman of the DAAB and simultaneously send copies of these communications and/or documents to the Other Members.

4.3 The Parties shall provide the DAAB with a copy of all documents which the DAAB may request, including:

- (a) the documents forming the Contract;
- (b) progress reports under Sub-Clause 4.20 [*Progress Reports*] of the Conditions of Contract;
- (c) the initial programme and each revised programme under Sub-Clause 8.3 [*Programme*] of the Conditions of Contract;
- (d) relevant instructions given by the Engineer, and Variations under Clause 13.3 [*Variation Procedure*] of the Conditions of Contract;
- (e) Statements submitted by the Contractor, and all certificates issued by the Engineer under the Contract;
- (f) relevant Notices;
- (g) relevant communications between the Parties and between either Party and the Engineer

and any other document relevant to the performance of the Contract and/or necessary to enable the DAAB to become and remain informed about the matters described in sub-paragraphs (d)(i) to (d)(iii) of Sub-Clause 5.1 of the GCs.

Rule 5

Powers of the DAAB

- 5.1 In addition to the powers granted to the DAAB under the Conditions of Contract, the General Conditions of the DAA Agreement and elsewhere in these Rules, the Parties empower the DAAB to:
- (a) establish the procedure to be applied in making Site visits and/or giving Informal Assistance;
 - (b) establish the procedure to be applied in giving decisions under the Conditions of Contract;
 - (c) decide on the DAAB's own jurisdiction, and the scope of any Dispute referred to the DAAB;
 - (d) appoint one or more experts (including legal and technical expert(s)), with the agreement of the Parties;
 - (e) decide whether or not there shall be a hearing (or more than one hearing, if necessary) in respect of any Dispute referred to the DAAB;
 - (f) conduct any meeting with the Parties and/or any hearing as the DAAB thinks fit, not being bound by any rules or procedures for the hearing other than those contained in the Contract and in these Rules;
 - (g) take the initiative in ascertaining the facts and matters required for a DAAB decision;
 - (h) make use of a DAAB Member's own specialist knowledge, if any;
 - (i) decide on the payment of financing charges in accordance with the Contract;
 - (j) decide on any provisional relief such as interim or conservatory measures;
 - (k) open up, review and revise any certificate, decision, determination, instruction, opinion or valuation of (or acceptance, agreement, approval, consent, disapproval, No-objection, permission, or similar act by) the Engineer that is relevant to the Dispute; and
 - (l) proceed with the DAAB's Activities in the absence of a Party who,

after receiving a Notification from the DAAB, fails to comply with Sub-Clause 6.3 of the GCs.

- 5.2 The DAAB shall have discretion to decide whether and to what extent any powers granted to the DAAB, under the Conditions of Contract, the GCs and these Rules, may be exercised.

Rule 6

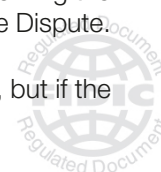
Disputes

- 6.1 If any Dispute is referred to the DAAB in accordance with Sub-Clause 21.4.1 [*Reference of a Dispute to the DAAB*] of the Conditions of Contract, the DAAB shall proceed in accordance with Sub-Clause 21.4 [*Obtaining DAAB's Decision*] of the Conditions of Contract and these DAAB Rules, or as otherwise agreed by the Parties in writing.
- 6.2 The DAAB shall act fairly and impartially between the Parties and, taking due regard of the period under Sub-Clause 21.4.3 [*The DAAB's decision*] of the Conditions of Contract and other relevant circumstances, the DAAB shall:
- (a) give each Party a reasonable opportunity (consistent with the expedited nature of the DAAB proceeding) of putting forward its case and responding to the other Party's case; and
 - (b) adopt a procedure in coming to its decision that is suitable to the Dispute, avoiding unnecessary delay and/or expense.

Rule 7

Hearings

- 7.1 In addition to the powers under Rule 5.1 above, and except as otherwise agreed in writing by the Parties, the DAAB shall have power to:
- (a) decide on the date and place for any hearing, in consultation with the Parties;
 - (b) decide on the duration of any hearing;
 - (c) request that written documentation and arguments from the Parties be submitted to it prior to the hearing;
 - (d) adopt an inquisitorial procedure during any hearing;
 - (e) request the production of documents, and/or oral submissions by the Parties, at any hearing that the DAAB considers may assist in exercising the DAAB's power under sub-paragraph (g) of Rule 5.1 above;
 - (f) request the attendance of persons at any hearing that the DAAB considers may assist in exercising the DAAB's power under sub-paragraph (g) of Rule 5.1 above;
 - (g) refuse admission to any hearing, or audience at any hearing, to any persons other than representatives of the Employer, the Contractor and the Engineer;
 - (h) proceed in the absence of any party who the DAAB is satisfied received timely notice of the hearing;
 - (i) adjourn any hearing as and when the DAAB considers further investigation by one Party or both Parties would benefit resolution of the Dispute, for such time as the investigation is carried out, and resume the hearing promptly thereafter.
- 7.2 The DAAB shall not express any opinions during any hearing concerning the merits of any arguments advanced by either Party in respect of the Dispute.
- 7.3 The DAAB shall not give any Informal Assistance during a hearing, but if the Parties request Informal Assistance during any hearing:



- (a) the hearing shall be adjourned for such time as the DAAB is giving Informal Assistance;
- (b) if the hearing is so adjourned for longer than 2 days, the period under Sub-Clause 21.4.3 [*The DAAB's decision*] of the Conditions of Contract shall be temporarily suspended until the date that the hearing is resumed; and
- (c) the hearing shall be resumed promptly after the DAAB has given such Informal Assistance.

Rule 8

The DAAB's Decision

- 8.1 The DAAB shall make and give its decision within the time allowed under Sub-Clause 21.4 [Obtaining DAAB's Decision] of the Conditions of Contract, or other time as may be proposed by the DAAB and agreed by the Parties in writing.
- 8.2 In the case of a three-member DAAB:
- (a) it shall meet in private (after the hearing, if any) in order to have discussions and to start preparation of its decision;
 - (b) the DAAB Members shall use all reasonable endeavours to reach a unanimous decision;
 - (c) if it is not possible for the DAAB Members to reach a unanimous decision, the applicable decision shall be made by a majority of the DAAB Members, who may require the minority DAAB Member to prepare a separate written report (with reasons and supporting particulars) which shall be issued to the Parties; and
 - (d) if a DAAB Member fails to:
 - (i) attend a hearing (if any) or a DAAB Members' meeting; or
 - (ii) fulfil any required function (other than agreeing to a unanimous decision)
- the Other Members shall nevertheless proceed to make a decision, unless:
- such failure has been caused by exceptional circumstances, of which the Other Members and the Parties have received a Notification from the DAAB Member;
 - the DAAB Member has suspended his services under sub-paragraph (a) of Sub-Clause 9.7 of the GCs; or
 - otherwise agreed by the Parties in writing.
- 8.3 If, after giving a decision, the DAAB finds (and, in the case of a three-member DAAB, they agree unanimously or by majority) that the decision contained any error:
- (a) of a typographical or clerical nature; or
 - (b) of an arithmetical nature
- the chairman of the DAAB or the sole DAAB Member (as the case may be) shall, within 14 days after giving this decision, advise the Parties of the error and issue an addendum to its original decision in writing to the Parties.
- 8.4 If, within 14 days of receiving a decision from the DAAB, either Party finds a typographical, clerical or arithmetical error in the decision, that Party may request the DAAB to correct such error. This shall be a written request and shall clearly identify the error.
- 8.5 If, within 14 days of receiving a decision from the DAAB, either Party believes that such decision contains an ambiguity, that Party may request clarification

from the DAAB. This shall be a written request and shall clearly identify the ambiguity.

- 8.6 The DAAB shall respond to a request under Rule 8.4 or Rule 8.5 above within 14 days of receiving the request. The DAAB may decline (at its sole discretion and with no requirement to give reasons) any request for clarification under Rule 8.5. If the DAAB agrees (in the case of a three-member DAAB they agree unanimously or by majority) that the decision did contain the error or ambiguity as described in the request, it may correct its decision by issuing an addendum to its original decision in writing to the Parties, in which case this addendum shall be issued together with the DAAB's response under this Rule.
- 8.7 If the DAAB issues an addendum to its original decision under Rule 8.3 or 8.6 above, such an addendum shall form part of the decision and the period stated in sub-paragraph (c) of Sub-Clause 21.4.4 [*Dissatisfaction with DAAB's decision*] of the Conditions of Contract shall be calculated from the date the Parties receive this addendum.

Rule 9

In the event of Termination of DAA Agreement

- 9.1 If, on the date of termination of a DAAB Member's DAA Agreement arising from resignation or termination under Clause 10 of the GCs, the DAAB is dealing with any Dispute under Sub-Clause 21.4 [*Obtaining DAAB's Decision*] of the Conditions of Contract:
- (a) the period under Sub-Clause 21.4.3 [*The DAAB's decision*] of the Conditions of Contract shall be temporarily suspended; and
 - (b) when a replacement DAAB Member is appointed in accordance with Sub-Clause 21.1 [*Constitution of the DAAB*] of the Conditions of Contract, the full period under Sub-Clause 21.4.3 [*The DAAB's decision*] of the Conditions of Contract shall apply from the date of this replacement DAAB Member's appointment.
- 9.2 In the case of a three-member DAAB and if one DAAB Member's DAA Agreement is terminated as a result of resignation or termination under Clause 10 of the GCs, the Other Members shall continue as members of the DAAB except that they shall not conduct any hearing or make any decision prior to the replacement of the DAAB Member unless otherwise agreed jointly by the Parties and the Other Members.

Rule 10

Objection Procedure

- 10.1 The following procedure shall apply to any objection against a DAAB Member:
- (a) the objecting Party shall, within 7 days of becoming aware of the facts and/or events giving rise to the objection, give a Notification to the DAAB Member of its objection. This Notification shall:
 - (i) state that it is given under this Rule;
 - (ii) state the reason(s) for the objection;
 - (iii) substantiate the objection by setting out the facts, and describing the events, on which the objection is based, with supporting particulars; and
 - (iv) be simultaneously copied to the other Party and the Other Members;
 - (b) within 7 days after receiving a notice under sub-paragraph (a) above, the objected DAAB Member shall respond to the objecting Party.

This response shall be simultaneously copied to the other Party and the Other Members. If no response is given by the DAAB Member within this period of 7 days, the DAAB Member shall be deemed to have given a response denying the matters on which the objection is based;

- (c) within 7 days after receiving the objected DAAB Member's response under sub-paragraph (b) above (or, if there is no such response, after expiry of the period of 7 days stated in sub-paragraph (b) above) the objecting Party may formally challenge a DAAB member in accordance with Rule 11 below;
- (d) if the challenge is not referred within the period of 7 days stated in sub-paragraph (c) above, the objecting Party shall be deemed to have agreed to the DAAB Member remaining on the DAAB and shall not be entitled to object and/or challenge him/her thereafter on the basis of any of the facts and/or evidence stated in the notice given under sub-paragraph (a) above;

Rule 11

Challenge Procedure	11.1	If and when the objecting Party challenges a DAAB Member, within 21 days of learning of the facts upon which the challenge is based, the provisions of this Rule shall apply. Any challenge is to be decided by the International Chamber of Commerce (ICC) and administered by the ICC International Centre for ADR.
	11.2	The procedure for such challenge and information on associated charges to be paid are set out at http://fidic.org and http://iccwbo.org .

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LETTER OF TENDER

NAME OF CONTRACT:

TO:

We have examined the Conditions of Contract, Specification, Drawings, Schedules including the Bill of Quantities, the Contract Data and Addenda Nos _____ for the above-named Contract and the words and expressions used herein shall have the meanings assigned to them in the Conditions of Contract. We offer to execute and complete the Works and remedy any defects therein, in conformity with this Tender which includes all these documents, for the sum of

[currency and amount in figures]

[currency and amount in words]

or such other amount as may be determined in accordance with the Contract.

We agree to abide by this Tender until _____ [date] and it shall remain binding upon us and may be accepted at any time before that date.

If this offer is accepted, we will provide the specified Performance Security, commence the Works as soon as is reasonably practicable after the Commencement Date, and complete the Works in accordance with the above-named documents within the Time for Completion.

Unless and until a Contract Agreement is prepared and executed this Letter of Tender, together with your written acceptance thereof, shall constitute a binding contract between us.

We understand that you are not bound to accept the lowest or any tender you may receive.

Signature _____ in the capacity of _____

duly authorised to sign tenders for and on behalf of _____

Address: _____

Date: _____

LETTER OF ACCEPTANCE •

NAME OF CONTRACT: _____

CONTRACT NUMBER: _____

TO: _____

Date: _____

Your Reference: _____

Our Reference: _____

We thank you for your Tender dated _____ for the execution and completion of the Works comprising the above-named Contract and remedying of defects therein, all in conformity with the terms and conditions contained in the Contract.

We have pleasure in accepting your Tender for the Accepted Contract Amount of:

[currency and amount in figures]

[currency and amount in words]

In consideration of you properly and truly performing the Contract, we agree to pay you the Accepted Contract Amount or such other sums to which you may become entitled under the terms of the Contract, at such times and as prescribed by the Contract.

We acknowledge that this Letter of Acceptance creates a binding Contract between us, and we undertake to fulfil all our obligations and duties in accordance with the terms of this Contract.

Signed by: _____ (signature)

For and behalf of: _____

Date: _____

- Memoranda (if any) to be annexed [see Sub-Clause 1.1.51]



CONTRACT AGREEMENT

This Agreement made the _____ day of _____
Between _____ of _____ (hereinafter called "the Employer") of the one part,
and _____ of _____ (hereinafter called "the Contractor") of the other part

Whereas the Employer desires that the Works known as _____ [name and number of the Contract] should be executed by the Contractor, and has accepted a Tender by the Contractor for the execution and completion of these Works and the remedying of any defects therein.

The Employer and the Contractor agree as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement:
 - (a) The Letter of Acceptance dated _____
 - (b) The Letter of Tender dated _____
 - (c) The Addenda Nos _____
 - (d) The Conditions of Contract
 - (e) The Specification
 - (f) The Drawings
 - (g) The Schedules and
 - (h) The JV Undertaking.*

* [if the Contractor constitutes an unincorporated JV, otherwise delete]
3. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy any defects therein, in conformity with the provisions of the Contract.
4. The Employer hereby covenants to pay the Contractor, in consideration of the execution and completion of the Works and the remedying of defects therein, the Contract Price at the times and in the manner prescribed by the Contract.

In Witness whereof the parties hereto have caused this Agreement to be executed the day and year first before written in accordance with their respective laws.

SIGNED by: _____

for and on behalf of the Employer in the presence of

Witness: _____

Name: _____

Address: _____

Date: _____

SIGNED by: _____

for and on behalf of the Contractor in the presence of

Witness: _____

Name: _____

Address: _____

Date: _____

