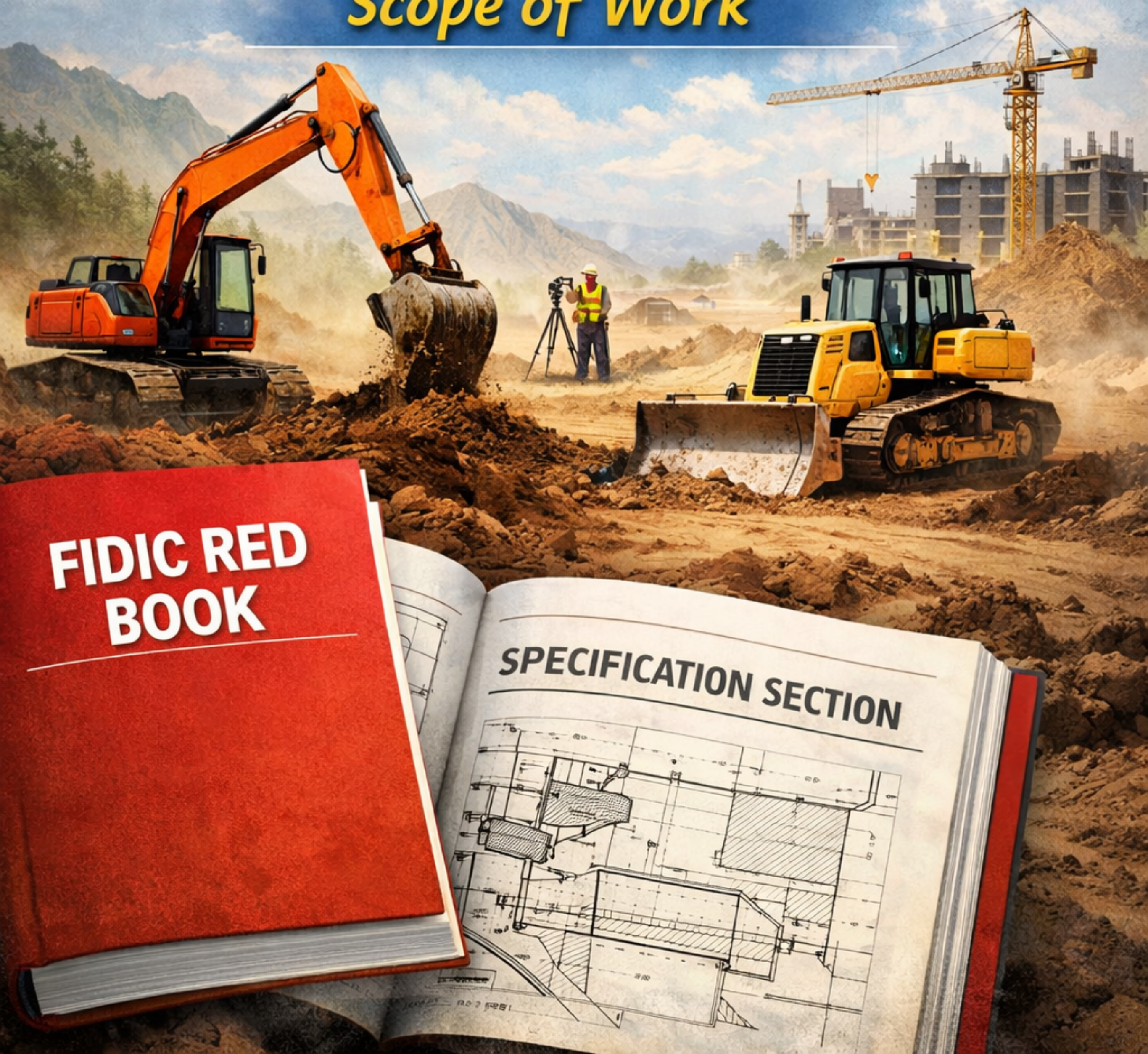


FIDIC RED BOOK CONSTRUCTION CONTRACT

Site Preparation Works

Scope of Work



[...insert company / JV logo...]	THE SPECIFICATION Site Preparation Works	Document Number S1.1
Project: [...] Contract No. [...]		Date: XX-XX-XXXX Revision: 01

SPECIFICATION

SITE PREPARATION WORKS

[...INSERT PROJECT NAME...] PROJECT

AT

[...INSERT LOCATION...]

IN

[...INSERT COUNTRY...]

Rev.	Date	Change history	Prepared by	Review by	Approved by
01		TEMPLATE			

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1 Introduction

This Scope of Work forms an integral part of the Specification and shall be read in conjunction with the Contract Documents, including the Conditions of Contract, Drawings, and other referenced documents.

The objective of the Works is to deliver, to the satisfaction of the Employer, a fully prepared Site suitable for the subsequent execution of permanent Works, in accordance with the requirements defined in the Contract.

The Contractor shall, except where otherwise stated, design (if applicable), execute, complete, and remedy any defects in the Works in full compliance with the Contract.

The Engineer shall act as the Employer's representative for the administration of the Contract and shall issue instructions, approvals, and certifications in accordance with the Conditions of Contract. The Contractor shall comply with all instructions issued by the Engineer within the authority conferred under the Contract.

2 Scope of Work - General

The Contractor shall provide all labour, materials, consumables, plant, equipment, temporary works, supervision, management, and all other services necessary for the proper execution and completion of the Works.

The Works shall be carried out in accordance with:

- (a) the Contract Documents
- (b) all applicable laws, regulations, permits, and statutory requirements
- (c) recognized good industry practice.

The Contractor shall be responsible for:

- (a) coordination and integration of all activities necessary for completion of the Works
- (b) implementation of a quality assurance and quality control system in accordance with the Contract
- (c) compliance with the Specifications and Drawings in all respects.

Any work, services, or items not expressly described in the Contract Documents, but which are necessary for the proper completion and functionality of the Works shall be deemed to be included within the Scope of Work and shall be executed by the Contractor without additional cost to the Employer.

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3 Drawings, Specifications and Other Documents

The Works shall be executed in accordance with:

- (a) Drawings issued or approved by the Engineer
- (b) Technical Specifications forming part of the Contract
- (c) Employer's Requirements, where applicable
- (d) any other documents referenced in the Contract.

In the event of discrepancies or inconsistencies between documents, the order of precedence shall be as defined in the Contract. The Contractor shall promptly notify the Engineer of any such discrepancies.

The Contractor shall review all Contract Documents upon receipt and prior to commencement of the Works and shall immediately notify the Engineer of any errors, omissions, ambiguities, or inconsistencies.

The Contractor shall seek clarification from the Engineer where required and shall not proceed with affected work until appropriate instructions have been issued. The Engineer may issue additional Drawings or instructions as necessary for the proper execution of the Works, and the Contractor shall comply accordingly.

4 Description of Work - Specific

The Site Preparation Works shall comprise all activities required to prepare the Site for subsequent construction and shall include, but not be limited to, the following:

4.1 Contractor's Mobilization, Temporary Facilities and Demobilization

Mobilization of all necessary resources, including personnel, plant, equipment, materials, and management systems required for the execution of the Works.

Establishment, operation, maintenance, and removal of the Contractor's temporary facilities, including but not limited to:

- (a) site offices, storage areas, workshops, and laydown areas
- (b) temporary utilities such as power supply, water supply, lighting, telecommunications, and sanitation facilities
- (c) temporary access roads, parking areas, fencing, signage, and welfare facilities for personnel.

Provision of all necessary permits, approvals, and connections required for temporary facilities.

Maintenance of all temporary facilities in a safe, secure, and serviceable condition throughout the duration of the Works.

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Demobilization upon completion of the Works, including dismantling and removal of all temporary facilities, reinstatement of affected areas, and disposal of waste materials in accordance with applicable regulations and the Contract requirements

4.2 Site Clearance

Removal and disposal of vegetation, topsoil, debris, existing structures, obstructions, and unsuitable materials within the Site boundaries.

Stripping, stockpiling, or disposal of topsoil as specified.

4.3 Demolition Works (if applicable)

Demolition and removal of existing structures, pavements, utilities, and other obstructions identified in the Contract Documents.

Safe disconnection and protection of existing services in coordination with relevant authorities and stakeholders.

4.4 Earthworks

Excavation, grading, filling, and compaction to achieve the required formation levels.

Import and placement of suitable fill materials, including compaction to specified densities.

Disposal of surplus and unsuitable excavated materials in accordance with applicable regulations.

4.5 Ground Improvement (if applicable)

The Contractor shall carry out all ground improvement and soil remediation works necessary to achieve the geotechnical and environmental performance requirements specified in the Contract. The scope shall include, but not be limited to, the following:

4.5.1 Identification and Delineation

Verification of areas requiring ground improvement or remediation based on the Contract Documents and site investigations.

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Supplementary investigation and testing, where required, to confirm the extent and characteristics of unsuitable or contaminated soils, subject to the Engineer's approval.

4.5.2 Excavation and Removal of Unsuitable/Contaminated Material

Excavation of unsuitable, soft, unstable, or contaminated soils to the limits, depths, and extents defined in the Contract or as instructed by the Engineer.

Segregation, classification, handling, and temporary stockpiling of excavated materials in accordance with their geotechnical and environmental properties.

Loading, transportation, and disposal of unsuitable or contaminated materials to approved disposal facilities in compliance with applicable laws and regulations.

4.5.3 Environmental Protection and Control Measures

Implementation of measures to prevent cross-contamination, including controlled excavation procedures, separation of clean and contaminated materials, and protection of surrounding soils and groundwater.

Control of dust, odour, runoff, and leachate during excavation, handling, and transport operations.

Compliance with all environmental permits, regulations, and project-specific environmental management requirements.

4.5.4 Treatment and Remediation (if specified)

Execution of in-situ or ex-situ treatment methods, such as soil stabilization, solidification, washing, or other approved remediation techniques, where specified in the Contract.

Monitoring and verification of treatment effectiveness in accordance with specified acceptance criteria.

4.5.5 Backfilling with Approved Materials

Supply, placement, and compaction of approved clean fill materials to replace removed soils.

Placement in layers and compaction to achieve the specified densities and engineering properties.

Use of materials that meet the environmental and geotechnical requirements defined in the Contract.

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4.5.6 Verification and Testing

Carrying out field and laboratory testing to demonstrate compliance with specified compaction, strength, permeability, and contamination limits.

Submission of test results and records to the Engineer for review and acceptance.

4.5.7 Reinstatement and Final Formation

Trimming and preparation of final formation levels to the required tolerances.

Restoration of affected areas to a stable and environmentally compliant condition suitable for subsequent Works.

4.6 Temporary Works

Provision and maintenance of temporary access roads, drainage, fencing, and protection systems necessary for the execution of the Works.

4.7 Drainage and Dewatering

Implementation of temporary and permanent drainage systems required during Site preparation.

Dewatering of excavations and maintenance of dry and stable working conditions.

4.8 Utility Identification and Protection

Identification, verification, and protection of existing underground and above-ground utilities.

Coordination with utility providers for relocation or protection measures where required.

4.9 Site Levelling and Formation

Final grading and preparation of formation levels to meet the tolerances and performance requirements specified in the Contract.

The Contractor shall clearly define and manage all interfaces between Site Preparation Works and subsequent construction activities, including coordination with other contractors where applicable.

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All Site Preparation Works shall meet the performance requirements specified in the Contract, including stability, compaction, drainage performance, and suitability for supporting the permanent Works.

5 Survey and Setting Out

The Contractor shall be responsible for the accurate setting out of the Works based on reference points, benchmarks, coordinates, and levels provided by the Employer or the Engineer.

Prior to commencement of the Works, the Contractor shall verify all survey data and report any discrepancies to the Engineer.

The Contractor shall be fully responsible for:

- (a) the correctness of all setting out
- (b) the accuracy of positions, levels, dimensions, and alignments
- (c) the rectification of any errors arising from incorrect setting out at the Contractor's cost.

The Contractor shall maintain complete and accurate survey records and shall submit such records to the Engineer for review as required under the Contract.

6 HSE and Security

The Contractor shall comply with all applicable Health, Safety, and Environmental (HSE) laws, regulations, and project-specific requirements.

The Contractor shall prepare, submit for approval, and implement comprehensive HSE plans, including:

- risk assessments and method statements (RAMS)
- emergency response procedures
- environmental management plans.

The Contractor shall be responsible for:

- ensuring safe working conditions at all times
- provision and use of appropriate personal protective equipment (PPE)
- training and supervision of personnel;
- reporting and investigation of incidents, accidents, and near misses.

The Contractor shall implement and maintain site security measures, including access control, site fencing, and protection of the Works, materials, and personnel.

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The Engineer shall have the authority to monitor, audit, and enforce compliance with HSE and security requirements. The Contractor shall promptly comply with any instructions issued by the Engineer in this regard.

7 Coordination

The Contractor shall coordinate all aspects of the Works with:

- the Engineer;
- the Employer;
- other contractors and relevant stakeholders.

The Contractor shall be responsible for:

- interface management between different work activities;
- preparation and updating of detailed programmes in accordance with the Contract;
- participation in coordination and progress meetings as required by the Engineer.

The Contractor shall plan and execute the Works in a manner that avoids disruption to adjacent works, existing operations, and third parties.

Any conflicts or interface issues shall be promptly identified and reported to the Engineer, together with proposed solutions.

8 Completion and Handover

The Contractor shall complete the Works in accordance with the Contract and to the satisfaction of the Engineer.

Completion requirements shall include, but not be limited to:

- completion of all Site Preparation Works to specified levels and tolerances;
- testing and verification of compaction, stability, and other performance criteria;
- submission of as-built drawings and records;
- submission of relevant documentation, including quality records and test results.

Where applicable, the Contractor shall provide operation and maintenance manuals and training for any installed systems.

Upon completion of the Works, the Contractor shall apply for the Taking-Over Certificate in accordance with the Contract.

During the Defects Notification Period, the Contractor shall remedy any defects or deficiencies identified by the Engineer.

Final handover of the Works to the Employer shall be in accordance with the procedures defined in the Contract, following the satisfactory completion of all obligations by the Contractor.

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9 Contract Administration Requirements

The contract administration shall be conducted in accordance with the Contract Administration Requirements (including Forms, Registers, etc.) as attached and included in The Specification.

Reference is made to Document Number [...] Revision [...] dated [...].

10 List of Specifications

The following specifications are applicable to the performance of the Works.

No.	Document Number	Specification Title	Revision	Date