



Framework: Collaborative Delivery Framework
Supplier: Jackson Civil Engineering Group Ltd
Company Number: [REDACTED]

Geographical Area: Midlands
Project Name: Torksey Area FRMS Construction
Project Number: ENV0001348C

Contract Type: Engineering Construction Contract
Option: Option C

Contract Number: project_30138

Revision	Status	Originator	Reviewer	Date

**ENGINEERING AND CONSTRUCTION CONTRACT under the Collaborative Delivery Framework
CONTRACT DATA**

Project Name Torksey Area FRMS Construction

Project Number ENV0001348C

This contract is made on 24 July 2020
between the *Client* and the *Contractor*

- This contract is made pursuant to the Framework Agreement (the "Agreement") dated 01st day of April 2019 between the *Client* and the *Contractor* in relation to the Collaborative Delivery Framework. The entire agreement and the following Schedules are incorporated into this Contract by reference
- Schedules 1 to 21 inclusive of the Framework schedules are relied upon within this contract.
- The following documents are incorporated into this contract by reference

Part One - Data provided by the Client
Statements given in all Contracts

1 General

The *conditions of contract* are the core clauses and the clauses for the following main Option, the Option for resolving and avoiding disputes and the secondary Options of the NEC4 Engineering and Construction Contract June 2017.

Main Option	Option C	Option for resolving and avoiding disputes	W2
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Secondary Options

- X2: Changes in the law
- X7: Delay damages
- X9: Transfer of rights
- X10: Information modelling
- X11: Termination by the *Client*
- X18 Limitation of Liability
- X20: Key Performance Indicators
- Y(UK)1: Project Bank Account
- Y(UK)2: The Housing Grants, Construction and Regeneration Act 1996
- Y(UK)3: The Contracts (Rights of Third Parties) Act 1999
- Z: *Additional conditions of contract*

The *works* are

Construction of the Torksey Area Flood Risk Management Scheme

The *Client* is Environment Agency

Address for communications

Address for electronic communications

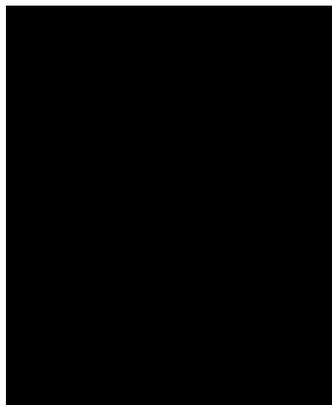
The *Project Manager* is

Address for communications

Address for electronic communications

The *Supervisor* is

Address for communications



Address for electronic communications [TBC](#)

The Scope is in
Torksey_Construction_Scope v3 dated 22 July 2020

The Site Information is in
ASITE workspace ref. ENV0001348C - Torksey Area Flood Risk Management Scheme_BIM\1. E-CDE

The *boundaries of the site* are
ASITE workspace ref. ENV0001348C - Torksey Area Flood Risk Management Scheme_BIM\1. E-CDE

The *partner contract* is
N/A

The *language of the contract* is English

The *law of the contract* is
the law of England and Wales, subject to the jurisdiction of the courts of England and Wales

The period for reply is 2 weeks

The following matters will be included in the Early Warning Register

Early warning meetings are to be held at intervals no longer than 2 weeks

2 The Contractor's main responsibilities

The *key dates* and *conditions* to be met are
condition to be met *key date*
'none set' 'none set'
'none set' 'none set'
'none set' 'none set'

The *Contractor* prepares forecasts of the total Defined
Cost for the whole of the *works* at intervals no longer
than 4 weeks

3 Time

The *starting date* is 27 July 2020

The *access dates* are
part of the Site date
Access to site 27 July 2020

The *Contractor* submits revised programmes at
intervals no longer than 4 weeks

The *Completion Date* for the whole of the *works* is 26 February 2021

The *Client* is not willing to take over the *works* before the Completion Date

The period after the Contract Date within which the *Contractor* is to
submit a first programme for acceptance is 4 weeks

4 Quality management

The period after the Contract Date within which the *Contractor* is to
submit a quality plan is 4 weeks

The period between Completion of the whole of the *works* and the
defects date is 52 weeks

The *defect correction period* is 2 weeks except that
• The *defect correction period* for is
• The *defect correction period* for is

5 Payment

The *currency of the contract* is the £ sterling

The *assessment interval* is Monthly

The *Client* set total of the Prices is [REDACTED]

The *interest rate* is 2.00% per annum (not less than 2) above the
Base rate of the Bank of England

The *Contractor's share percentages* and the *share ranges* are

	<i>share range</i>		<i>Contractor's share percentage</i>
less than	80 %		0 %
from	80 %	to 120 %	as set out in Schedule 17
greater than	120 %		as set out in Schedule 17

6 Compensation events

The place where weather is to be recorded is Scampton (Lincolnshire) Weather Station

The *weather measurements* to be recorder for each calendar month are

- the cumulative rainfall (mm)
- the number of days with rainfall more than 5mm
- the number of days with minimum air temperature less than 0 degrees Celsius
- the number of days with snow lying at 09:00 hours GMT

and these measurements:

- 1.
- 2.
- 3.
- 4.
- 5.

The *weather measurements* are supplied by Met Office

The *weather data* are the records of past weather measurement for each calendar month which were recorded at Scampton (Lincolnshire) Weather Station and which are available from Met Office

Assumed values for the ten year weather return *weather data* for each *weather measurement* for each calendar month are

Jan	Jul
Feb	Aug
Mar	Sep
Apr	Oct
May	Nov
Jun	Dec

These are additional compensation events

1. Managing and mitigating the impact of Covid 19 and working in ac
2. 60.1 (20) The Working Areas are flooded.
3. 60.1 (21) When water levels raise above 6.23m AOD at Scampton
- 4.
- 5.

8 Liabilities and insurance

These are additional *Client's* liabilities

- 1 'not used'
- 2 'not used'
- 3 'not used'

The minimum amount of cover for insurance against loss of or damage to property (except the *works*, Plant and Materials and Equipment) and liability for bodily injury to or death of a person (not an employee of the *Contractor*) arising from or in connection with the *Contractor* Providing the Works for any one event is

£15,000,000

The minimum amount of cover for insurance against death of or bodily injury to employees of the *Contractor* arising out of and in the course of their employment in connection with the contract for any one event is

not less than the amount required by law

The insurance against loss of or damage to the *works*, Plant and Materials is to include cover for Plant and Materials provided by the *Client* for an amount of

Resolving and avoiding disputes

The *tribunal* is litigation in the courts

The Senior Representatives of the Client are

Address for communications

Address for electronic communications

Name

Address for communications

Address for electronic communications

The Adjudicator is 'to be confirmed'

Address for communications 'to be confirmed'

Address for electronic communications ['to be confirmed'](#)

The Adjudicator nominating body is The Institution of Civil Engineers

Z Clauses

Z1 Correctness of Site Information and other documents

Z1.1 Site Information about the ground, subsoil, ducts, cables, pipes and structures is provided in good faith by the Client, but is not warranted correct. Clause 60.3 does not apply to such Site Information and the Contractor is responsible for checking the correctness of any such Site Information they rely on for the purpose of pricing for or providing the works.

Z1.2 Information regarding construction methods or processes referred to in pre contract health and safety plans are provided in good faith by the Client but are not warranted correct (except for the purpose of promoting high standards of health and safety) and the Contractor is responsible for checking the correctness of any such information they rely on for the purpose of pricing for, or providing the works.

Z 2B: Water levels: Contractor's risk

Clause 60.1 (12) second bullet point is amended to: "are not weather conditions or floods and"

Z3 Prevention: No change to prices

Delete first sentence of clause 62.2 and replace with:

"Quotations for compensation events except for the compensation event described in 60.1(19) comprise proposed changes to the Prices and any delay to the Completion Date and Key Dates assessed by the Contractor. Quotations for the compensation event described in 60.1(19) comprise any delay to the Completion Date and Key Dates assessed by the Contractor.

Delete 'The' At start of clause 63.1 and replace with:

"For the compensation event described in 60.1(19) the Prices are not changed. For other compensation events the..."

Z 4 The Schedule of Cost Components

The Schedule of Cost Components is as detailed in the Framework Schedule 9.

Z 6 Payment for

Delete existing clause 11.2 (31) and replace with:

"11.2 (31) The Price for Work Done to Date is the total Defined Cost which the Project Manager forecasts will have been paid by the Contractor before the next assessment date plus the Fee, not exceeding the forecast provided under clause 20.4 and accepted by the Client."

Z7 Aggregated Contractor's share

Delete existing clauses 54 and 93.4 and replace with:

54.7 The Project Manager assess the Contractor's share of the difference between the Aggregated Total of the Prices and the Aggregated Price for Work Done to Date. The difference is divided into increments falling within each of the share ranges. The limits of a share range are the Aggregated Price for Work Done to Date divided by the Aggregated Total of the Prices, expressed as a percentage. The Contractor's share equals the sum of the products of the increment within each share range and the corresponding Contractor's share percentage.

54.8 If the Aggregated Price for Work Done to Date is less than the Aggregated Total of the Prices, the Contractor is paid its share of the saving. If the Aggregated Price for Work Done to Date is greater than the Aggregated Total of the Prices, the Contractor pays its share of the excess.

54.9 If, prior to the Completion Date, the Aggregated Price for Work Done to Date exceeds 110% of the Aggregated Total of the Prices, the amount in excess of 110% of the Aggregated Total of the Prices is retained from the Contractor.

54.10 The Project Manager makes a preliminary assessment of the Contractor's share at Completion of the Whole of the works using forecasts of the final Aggregated Price for Work Done to Date and the final Aggregated Total of Prices. This share is included in the amount due following Completion of the whole of the works.

54.11 The Project Manager makes a final assessment of the Contractor's share, using the final Aggregated Price for Work Done to Date and the final Aggregated Total of the Prices. This share is included in the final amount due.

93.4 If there is a termination, the Project Manager assesses the Contractor's share after certifying termination. The assessment uses as the Aggregated Price for Work Done to Date the sum of

- the total of
- o the Defined Cost which the Contractor has paid and
- o which it is committed to pay for work done before termination

- and
- the total of
- o the Defined Cost which the Contractor has paid and
- o which it is committed to pay

in the partner contract before the date the termination certificate is issued under this contract.

The assessment uses as the Aggregated Total of the Prices the sum of

- the total of
 - the lump sum price for each activity which has been completed and
 - a proportion of the lump sum price for each incomplete activity which is the proportion of the work in the activity which has been completed
- and
- the total of
 - the lump sum price for each activity which has been completed and
 - a proportion of the lump sum price for each incomplete activity which is the proportion of the work in the activity which has been completed

Add:

11.2(37) The Aggregated Total of the Prices is sum of

- the total of the Prices and
- the total of the Prices in the partner contract

11.2(38) The Aggregated Price for Work Done to Date is the sum of

- the Price for Work Done to Date and/
- the Price for Service Provided to Date in the *partner contract*.

Z10 Payments to subcontractors, sub consultants and

Subcontractors

The *Contractor* will use the NEC4 contract on all subcontracts for works. Payment to subcontractors will be 28 days from the assessment date.

If the *Contractor* does not achieve payments within these time scales then the *Client* reserves the right to delay payments to the *Contractor* in respect of subcontracted work, services and supplies.

Failure to pay subcontractors and suppliers within contracted times scales will also adversely affect the *Contractor's* opportunities to work on framework contracts.

Z11Y(UK) 3 The Contracts (Rights of Third Parties)

The design consultant employed by the *Contractor* is required to fulfil the obligations of the warrantor under the primary contract for design works that they complete. This includes:

Transfer of rights clause Z11

Professional indemnity insurance cover to same cover as that specified for the *Contractor*

Z11.1 The *Client* ('the third party') may in its own right enforce the provisions of this clause, subject to and in accordance with the provisions of the Contracts (Right of Third Parties) Act 1999 and the following provisions:

Z11.1.1 the parties may not rescind or vary any provision(s) of this agreement, including this clause, at any time without the consent of the third party; and

Z11.1.2 each third party's rights against party A under this agreement shall be subject to the same conditions, limitations and exclusions as apply to party B's rights against party A under this agreement.

Z11.2 Except as provided in clause Z11.1, this agreement does not create any right enforceable by any person who is not a party to it (Other Party) under the Contracts (Rights of Third Parties) Act 1999, but this clause does not affect any right or remedy of a other party which exists or is available apart from that Act.

Z16 Disallowed Costs

Add the following bullets to clause 11.2 (26) Disallowed costs

- was incurred due to a breach of safety requirements, or due to additional work to comply with safety requirements.
- was incurred as a result of the client issuing a Yellow or Red Card to prepare a Performance Improvement Plan.
- was incurred as a result of rectifying a non-compliance with the Framework Agreement and/or any call off contracts following an audit.

Z18 Payment of pain/gainshare and programme incentivisation

Delete existing clause 54.3 and replace with:

54.3 The *Project Manager* makes regular assessments of the *Contractor's* share until the Completion Date using forecasts of the final Price for Work Done to Date and the final total of the Prices. This share is included in the amount due in the following assessment. The *Project Manager* shall be entitled to take the *Contractor's share* percentage into account when assessing amounts in clause 50 and clause 51 due for payment at each assessment date thereafter. The *Project Manager* shall not assess any amount greater than the amount due when the forecast reaches the top *share range* in the Contract Data Part 1 (120% of the total of the Prices).

Delete existing clause 54.4 and replace with:

54.4 If clause 54.3 does not occur during the *works*, the *Project Manager* makes a preliminary assessment of the *Contractor's* share at Completion of the Whole of the *works* using forecasts of the final Price for Work Done to Date and the final total of Prices. This share is included in the amount due following Completion of the whole of the *work*.

Insert the following new clause 54.5:

54.5 If clause 54.3 does not occur during the *works*, the *Project Manager* makes a final assessment of the *Contractor's* share, using the final Price for Work Done to Date and the final total of the Prices. This share is included in the final amount due.

Insert the following new clause 54.6:

Programme Payments will be made under the Framework in accordance with Schedule 17

Z21 Requirement for Invoice

Add the following sentence to the end of clause 51.1:

The Party to which payment is due submits an invoice to the other Party for the amount to be paid within one week of the *Project Manager's* certificate.

Delete existing clause 51.2:

51.2 Each certified payment is made by the later of

- one week after the paying Party receives an invoice from the other Party and
- three weeks after the assessment date, or, if a different period is stated in the Contract Data, within the period stated.

If a certified payment is late, or if a payment is late because the *Project Manager* has not issued a certificate which should be issued, interest is paid on the late payment. Interest is assessed from the date by which the late payment should have been made until the date when the late payment is made, and is included in the first assessment after the late payment is made

Z22 Resolving Disputes

Delete W2.1

Z23 Risks and insurance

Replace clause 84.1 with the following

Insurance certificates are to be submitted to the *Client* on an annual basis.

Secondary Options

OPTION X2: Changes in the law

The *law of the project* is the law of England and Wales, subject to the jurisdiction of the courts of England and Wales

OPTION X7: Delay damages

X7 only Delay damages for Completion of the whole of the *works* are £716.18 per day

OPTION X9: Transfer of rights

OPTION X10: Information modelling

The period after the Contract Date within which the *Contractor* is to submit a first Information Execution Plan for acceptance is 2 weeks

The minimum amount of insurance cover for claims made against the *Contractor* arising out of its failure to use skill and care normally used by professional providing information similar to the Project Information is, in respect of each claim £5,000,000.00

The period following Completion of the whole of the *works* or earlier termination for which the *Contractor* maintains insurance for claims made against it arising out of its failure to use the skill and care is 12 year(s)

OPTION X11: Termination by the Client

OPTION X18: Limitation of liability

The *Contractor's* liability to the *Client* for indirect or consequential loss is limited to £1,000,000

For any one event, the *Contractor's* liability to the *Client* for loss or damage to the *Client's* property is limited to £1,000,000

The *Contractor's* liability for Defects due to its design which are not listed on the Defects Certificate is limited to £5,000,000

The *Contractor's* total liability to the *Client* for all matters arising under or in connection with the contract, other than excluded matters, is limited to £5,000,000.00

The *end of liability date* is 6 years after the Completion of the whole of the *works*

OPTION X20: Key Performance Indicators (not used with Option X12)

The *incentive schedule* for Key Performance Indicators is in Schedule 17.

A report of performance against each Key Performance Indicator is provided at intervals of 3 months.

Y(UK)1:Project Bank Account

The Contractor is to pay any bank charges made and to be paid any interest paid by the *project bank*

Y(UK2): The Housing Grants, Construction and Regeneration Act 1996

The period for payment is 14 days after the date on which payment becomes due

Y(UK3): The Contracts (Rights of Third Parties Act) 1999

term *beneficiary*

term

beneficiary

The provisions of
Y(UK)1

Part Two - Data provided by the Contractor

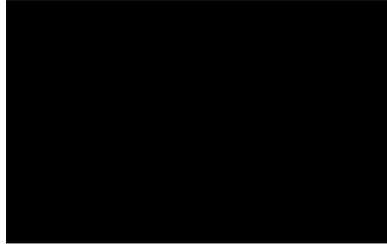
Completion of the data in full, according to the Options chosen, is essential to create a complete contract.

1 General

The Contractor is

Name Jackson Civil Engineering Group Ltd

Address for communications



Address for electronic communications

The fee percentage is

Option C

█

The working areas are

the site, compounds and haul routes

The key persons are

Name (1)

█

Job

█

Responsibilities

Resource allocation, supporting site staff, CDF compliance

Qualifications

• CMI Level 7 Extended Diploma in Strategic • Management &

Experience

Craig has over 22 years' experience in the industry and 12 ye

The key persons are

Name (2)

█

Job

█

Responsibilities

Supervision of works plus compliance with CDF

Qualifications

BSc (Hons) Construction Management NEBOSH National Gene

Experience

Jonathan has over 30 years' experience in the industry and 1

The key persons are

Name (3)

█

Job

█

Responsibilities

Supervision of operations, setting out

Qualifications

• BSc (Hons) Building 2:1 • HND Building Studies • NVQ Lev

Experience

Paul joined Jackson in February 2020. He is a knowledgeable

The key persons are

Name (4)

█

Job

█

Responsibilities

Cost control, forecasting and reporting

Qualifications

• HND Surveying (Engineering) • CSCS • SSSTS • IOSH • Ass

Experience

Jason has over 30 years of experience in the Civil Engineerin

The following matters will be included in the Early Warning Register

Existing topsoil thicker than shown on drawings requiring ext

Discovery of contaminated ground requiring disposal off site

Discovery of invasive species

Discovery of ecological habitat requiring delay to the works

Archaeological finds delaying the works

Constraints imposed by SMC that do not allow the constructi

2 The Contractor's main responsibilities

The Scope provided by the Contractor for its design is in

No contractor design

3 Time

The programme identified in the Contract Data is
Torksey tender programme 22.7.20

5 Payment

The *activity schedule* is
Activity schedule torksey 23rd July 2020

Resolving and avoiding disputes

The *Senior Representatives* of the Contractor are

Name (1) [REDACTED]
Address for communications

[REDACTED]
[REDACTED]
[REDACTED]

Address for electronic communications

[REDACTED]

Name (2) [REDACTED]
Address for communications

[REDACTED]
[REDACTED]
[REDACTED]

Address for electronic communications

[REDACTED]

X10: Information Modelling

The *information execution plan* identified in the
Contract Data is
to be developed

Y(UK)1: Project Bank Account

The *project bank* is
To be advised

named suppliers are
No named suppliers

Contract Execution

Client execution

Signed under hand by

for and on behalf of the Environment Agency

Signature 

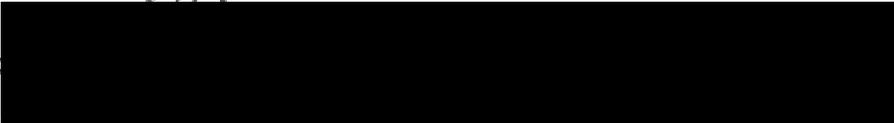
Role 

Contractor execution

Consultant execution

Signed under hand by

for and on behalf of Jackson Civil Engineering Group Ltd



Signature Role

Environment Agency

NEC4 engineering and construction contract (ECC) Scope

Project / contract information

Project name	Torksey Area Flood Risk Management Scheme
SOP reference	ENV0001348C
Contract reference	Construction
Date	22/07/2020
Version number	3
Author	██████████

Revision history

Revision date	Summary of changes	Version number
	First issue	
26/06/2020	Procurement review	2
22/07/2020	Comments from JCE	3

This Scope should be read in conjunction with the version of the Minimum Technical Requirements current at the Contract Date. In the event of conflict, this Scope shall prevail. The *works* are to be compliant with the following version of the Minimum Technical Requirements:

Document	Document Title	Version No	Issue date
412_13_SD01	Minimum Technical Requirements	8	08/01/2018

customer service line
03708 506 506

incident hotline
0800 80 70 60

floodline
0845 988 1188

www.environment-agency.gov.uk

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- S 200** General constraints on how the *Contractor* provides the *works*
- S 300** *Contractor's* design
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- S 600** Quality management
- S 700** Tests and inspections
- S 800** Management of the *works*
- S 900** Working with the *Client* and Others
- S 1000** Services and other things to be provided
- S 1100** Health and safety
- S 1200** Subcontracting
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- S 1400** Acceptance or procurement procedure (Options C and E)
- S 1500** Accounts and records (Options C and E)
- S 1600** Parent Company Guarantee (Option X4)
- S 1700** *Client's work* specifications and drawings Project specific changes to the MTR

Appendix A Detailed Design Drawings

Appendix B – Proposed Site Compound

Appendix C – Scheduled Monument Consent

Appendix D - Torksey Scope for Archaeological Monitoring of *Works*

Appendix E - Safety, Health, Environment and Wellbeing (SHEW) Code of Practice

Appendix F - Reporting incidents at *Contractors'* sites

Appendix G - Minimum Technical Requirements Landscape and Environmental Design

Appendix H - Earthworks & Sheet Pile Spec

Appendix I -Torksey PSRA

Appendix J - Torksey RAG List

Appendix K - Torksey DRA

Appendix L - Buildability Statement

Appendix M - Torksey PCI

Appendix N – BIM *Clients* Information Requirements
Appendix O – BIM *Client's* Information Delivery Plan

S 100 Description of the *works*

Background information

The embankment is approximately 230m in length and is located on the right bank of the River Trent. The river has tidal influence at this location however the primary flood risk is from fluvial waters.

The asset is categorised as a 'below target condition' due to the following:

1. Animal burrows were identified on the profile of the embankment, remedial action was taken to close and plug the setts with clay. However, there is potentially still voids within the embankment that could cause further slippage, internal erosion or piping. As a result of the burrows the embankment has encountered differential settlement and no longer has a consistent crest level.
2. Tree roots left in situ [from the felling of trees] on the profile of the embankment that could cause internal erosion and piping.

The project aims to carry out *works* to provide a permanent solution to sustain the standard of flood protection, reduce the likelihood of a breach in this location and therefore reduce the risk of flooding to people and property, as well as agricultural land, commercial properties, road networks and other flood risk management assets.

S 101 Description of the *works*

The *works* is the installation of sheet piles through the crest of the embankment and modifications to the existing profile of the embankment to 1:3 gradient. A galvanised chain link fence mesh shall also be installed along the modified embankment to prohibit badgers from returning to the embankment, and causing disruption.

The drawings describing the *works* are included in Appendix A. The Redline Boundary drawing is included within Appendix A, drawing titled ENV0001348C-JHY-00-00-DR-C-D0100_1-S4-C01-D0100-EA4-LOD4-Site Access, Compound & Working Area.pdf, this drawing defines *the boundaries of the site*.

S 102 Purpose of the *Works Outcome* required

The purpose of the *works* is to deliver an improvement to the flood defence in this location to improve the structural integrity in order to reduce the likelihood of a breach occurring, and ensure the standard of protection is a consistent level of 1% annual exceedance probability (AEP).

The *Contractor* shall ensure that the outcome of the project is constructed in accordance with the approved design drawings found in Appendix A, and the project meets the benefits as identified within the Full Business Case and provides the *Client* with value for money.

S 200 General constraints on how the *Contractor* provides the *works*

S 201 General constraints

Use of the Site

The *Contractor* does not enter or use the Site for any purpose not connected with the *works*. The Site on the wet side of the embankment within the redline boundary is an active flood plain and is susceptible to flooding, therefore the *Contractor* shall not use this area of land for the storage of Plant, Equipment or Materials.

An alternative site compound area location has been agreed in principle between the *Client* and land owner, but shall be confirmed by the *Contractor*. Land ownership details can be provided upon request. The grid reference for the compound is SK 83827 78018, and a drawing can be found in Appendix B.

Access to the Site

Permanent pedestrian access needs to be maintained to the lock throughout the duration of the *works*, as access may be required outside of normal working hours the *Contractor* shall ensure this can be achieved throughout the duration of the *works*.

Access along the existing access track to the jetty on the River Trent needs to be maintained at all times as Canals & River Trust may need access to the jetty throughout the duration of the *works*.

Access along the existing access track to the land outside of the redline boundary also needs to be maintained for the land owner throughout the duration of the *works*.

Noise and variations

Consideration should be given to the noise levels when carrying out any *works* due to local residents, it is the *Contractors* responsibility to ensure that any noise monitoring is carried out and in place prior to any *works* starting.

Third party assets are on the edge of the redline boundary, it is the *Contractors* responsibility to ensure any vibration monitoring required is in place prior to the start of any *works*.

Working hours

The *Contractor* shall ensure all working hours are reasonable given the close proximity to local residents.

No weekend working will be permitted unless prior agreement with the *Project Manager* and *Client*. The *Client* will require a minimum of two weeks' notice is before approving weekend working.

Storage of fuel and chemicals

The *Contractor* shall ensure that all storage of fuel and chemicals is above the 1% AEP level at all times.

Client Flood Alerts

The *Contractor* shall ensure all site key personal are signed up to receive the *Client's* flood alerts to ensure that in the event of the embankment becoming loaded, all Equipment, Plant and Materials is removed from the flood plain and stored in a safe location.

S 202 Confidentiality

The *Contractor* does not disclose information in connection with the *works* except when necessary to carry out their duties under the contract or their obligations under the contract

The *Contractor* may publicise the services only with the *Client's* written permission.

S 203 Archaeological requirements

The *boundaries of the site* lie within a Scheduled Monument (SM) and therefore Scheduled Monument Consent (SMC) is required from Historic England (HE) before any *works* on the embankment can begin. The *Client* has received SMC, which involves a number of conditions which is the responsibility of the *Contractor* to ensure are met. A copy of the SMC can be found in Appendix C, which details the conditions.

As detailed on the SMC a programme of archaeological *works* will need to be put in place by means of a written scheme of investigation (WSI), which needs approval from the Secretary of State advised by HE. This document needs to be produced by an Archaeological Contractor, the Scope for this element of the *works* can be found in Appendix D and has been produced by the *Client's* Archaeological advisor (NEAS). It *Contractor* shall subcontract this element of the *works* and will be responsible for the delivery of.

As part of the conditions stated within the SMC, no Equipment, Plant or Materials are to be placed on the dry side (within the defined SM). Therefore all construction related activities must be carried out from the wet side of the embankment, which may involve the use of a piling platform for piling works.

S 204 Security and protection on the site

The *Contractor* shall ensure the Site remains safe and secure outside of working hours, and members of the public are protected, notwithstanding the requirement to ensure access is maintained to the lock at all times.

S 205 Security and identification of people

Security measures shall include ensuring that the *Contractor's* personnel are easily identifiable. This will include the wearing of *Contractor* PPE/high visibility clothing.

The *Contractor* shall ensure that the construction *works* do not compromise the security of properties within or adjacent to the Site.

S 206 Protection of existing structures and services

The *Contractor* shall refer to the Utility Search information included in the Site Information. Existing services located on, or adjacent to, the site are indicated on drawing ENV0001348C-JHY-00-00-DR-C-A0600_01-S4-C01-A0600-EA-LOD4-Existing Utilities Plan, included within the Site Information. The *Contractor* shall carry out an updated services search prior to construction.

The *Contractor* shall ensure the 2 manhole covers and box are protected when establishing the proposed lay down and refuse area adjacent to the lock, as identified on drawing ENV0001348C-JHY-00-00-DR-C-D0100_1-S4-C01-D0100-EA4-LOD4-Site Access, Compound & Working Area.

The *Contractor* shall be responsible for maintaining the existing services within the Site. All existing services are to be maintained without interruption during the *works*. They shall not be interfered with in any way except insofar as may be specified in the contract or otherwise be agreed with the *Project Manager* as the *works* progress.

The *Contractor* shall avoid damage to highways, roads, properties, land, trees and other vegetation, boundaries, structures and any other features. In the event of damage the *Contractor* shall undertake repairs to pre-work's condition.

The *Contractor* shall replace any fencing that he is permitted to remove, and repair any fencing or gates that may be damaged as a result of his operations to the higher standard of pre-work's condition or the minimum requirements of Clause 2.89 of the Minimum Technical Requirements. The location of any fences and gates to be removed and replaced under the contract shall be recorded by the *Contractor* on the drawings.

The *Contractor* shall repair any structure or service damaged during the execution of the *works*. The *Contractor* shall make safe and restore any structure to its operative condition to the satisfaction of the *Project Manager* and the owner. The requirements of this clause shall extend to any structure and service wherever it may be.

S 207 Protection of the works

The *Contractor* protects the *works*, Material, Plant and Equipment liable to damage either by the weather or by the method used for carrying out the construction of the *works*. The *Contractor* shall ensure the weight of construction Plant used is consistent with maintaining the structural integrity of the existing and flood embankment. Damage attributable to the *Contractor's* activities shall be determined by the *Project Manager* and remedied by the *Contractor*. The cost of making good any damage shall be met by the *Contractor*.

S 208 Cleanliness of the roads

The *Contractor* shall take all reasonable steps to minimise dust and mud being deposited on public and private highways during the construction of the *works*.

S 209 Traffic Management

The *Contractor* shall be responsible for ensuring safe access into the *boundary of the site*, this may include the need to provide traffic management. Any traffic management requirements need to be confirmed with the local authority and shall be the responsibility of the *Contractor* to confirm.

S 2010 Condition survey

The *Contractor* shall carry out a condition survey on the access track before any *works* are carried out.

The *Contractor* shall carry out a condition survey on the A156 and associated tracks between the site compound and Site before any *works* are carried out.

The *Contractor* shall carry out a condition survey on the highway bridge before any *works* are carried out.

The *Contractor* shall carry out a condition survey on any other third party asset that they deem necessary before any *works* are carried out. The *Contractor* shall notify the *Project Manager* of any condition surveys they will be carrying out.

The *Contractor* shall repeat all condition surveys on Completion of the *works* and provide a copy to the *Project Manager*.

All record photographs and videos shall comply with the requirements of Supplementary Clause 1.35 of the MTRs.

The survey record shall be stored in the BIM archive.

S 2011 Consideration of Others

The *Contractor* shall *work* to limit the impacts of the *works* on local residents and the land uses. The *Contractor* shall provide a named individual to act as the single point of contact for local residents and enquiries from the general public.

S 2012 Control of site personnel

The *Contractor* shall make appropriate arrangements for the control of people working and visiting the Site.

The *Contractor* shall ensure that all persons working on or visiting the Site hold a valid and current Construction Skills Certification Scheme (CSCS) card. Persons without this card shall be escorted at all times by a member of the site team.

A visitors' book will be maintained by the *Contractor* in which the date, the time in, the time out, evidence of a specific Health and Safety induction, CSCS number, and the name and company of the person visiting shall be noted.

A Green Book shall be provided by the *Client* to be kept in the site office for project staff and visitors to report any health and safety observations from Site.

S 2013 Site cleanliness

The *Contractor* shall keep the working areas tidy and promptly remove rubbish, waste and surplus Materials. Materials, Plant and Equipment are to be positioned, stored and stacked in a safe and orderly manner.

S 2014 Waste Materials

No arrangements have been made with landowners for disposal of Material on Site. It is for the *Contractor* to make arrangements that represent the best value for money to the *Client*, taking into account the cost of the *works*, the environmental impacts and the cost of any additional compensation paid.

Any other construction related Materials shall be disposed of away from Site without any contamination of the waterways or surrounding land. Disposal must be in accordance with the Site Waste Management Plan and by a licensed waste disposal *Contractor* with procedures to provide an audit trail.

S 2015 Deleterious and hazardous Materials

It is not envisaged that any waste Material will be classed as "hazardous", however, where Materials arising from or required for the *works* constitute 'Controlled Waste' under the Environmental Protection Act 1990, the *Contractor* provides the *Supervisor* with a copy of the carrier's licence to transport the Materials and copies of all waste transfer notes.

S 2016 Protected Species

Badger sets are present within the Site and any badger activity has been excluded by means of one way gates, installed under the Environment Agency's organisational license. The *Contractor* shall not carry out any *works* on the embankment if the presence of badgers is obvious within the Site. The

Contractor will be required to notify the *Supervisor* immediately in order to establish a solution with the *Client*.

S 2017 Environmental Permit

As the *works* are within an active flood plain, the *Contractor* shall be responsible for ensuring an Environmental Permit is in place before any *works* are carried out. The *Contractor* shall adhere to all conditions stated within the permit.

S 2018 Site Hazards

Potential site hazards have been identified on the following drawing, ENV0001348C-JHY-00-00-DR-C-B0200_1-S4-C02-B0200-EA4-LOD4-General Arrangement, which the *Contractor* shall consider.

S 2019 Grass Seeding

Due to the time of year when construction is taking place, grass seeding the embankment may be weather permitted. The *Contractor* shall seek approval from the *Client*, via the *Project Manager*, before *works* are finished with grass seeding.

S 300 Contractor's design

S 301 Design responsibility

The *Contractor* shall design all temporary *works* required for the permanent *works*.

The *Contractor* upon Completion of the *works* shall provide all design drawings used throughout the *works* in as-built form and submit them for approval by the *Client* via the BIM archive.

S 302 Design submission procedures

As per Clause 21.2 of the NEC ECC contract

S 303 Design approval from Others

The *Contractor* shall ensure the Principal Designer has approved all temporary designs before they are implemented on site, in addition to the *Project Manager*.

S 304 Client's requirements

The *Contractor* is to ensure that all proposed access routes are covered by the temporary *works* design to satisfy the requirements of Others, which may be requested to the *Client*.

The *Client* requires the *Contractor* to submit a WSI, as detailed in Appendix C, for the approval by Others. This shall be in the form of a written document.

S 305 Design co-ordination

The *Contractor* shall be responsible for liaising with the *Client's* design consultant in order to receive all design drawings in the required format for up revving to as built format.

The *Contractor* shall be responsible for liaising with the *Client's* design consultant if needed, in order to produce the Final Carbon Report and associated Carbon Calculator.

S 306 Requirements of Others

The *Contractor* is responsible for liaising with the Environment Agency for all matters associated with the Environmental Permit, as per the statutory requirements.

S 307 Copyright/licence

The ownership and copyright of all reports, calculations, computer software, data or other documentation produced as part of a contract with the *Client* must be vested in the *Client*.

S 308 Access to information following Completion

The *Contractor* shall provide all information relevant to the *works* to the *Project Manager* following completion. The *Contractor* shall retain copies of all information for inspection by the *Project Manager* for the duration of the contract liability period.

S 309 Site investigations

All site investigation *works* have been completed and are provided as part of the Site Information.

S 400 Completion

S 401 Completion definition

The following are absolute requirement for Completion to be certified, in addition to Clause 11.2(2), without these items the *Client* is unable to use the *works*:

- 1 hard copy of Health and Safety File and one electronic version Adjust this to Provide all information to the Principal designer, if the Principal Designer is compiling the Health and Safety File
- 1 hard copy of Operating and Maintenance Manuals, 1 electronic version in the original file format (.dwg,dxf/.doc/etc/) and 1 pdf format at the correct/original scale. The format of Operating and Maintenance Manual shall comply with Minimal Technical Requirements 369_13_SD21 where appropriate.
- 1 hard copy of As Built drawings and 1 electronic version in the original file format (.dwg,dxf/.doc/etc/) and 1 pdf format at the correct/original scale. The As Built drawings shall comply with Minimal Technical Requirements 369_13_SD21 where appropriate.
- Population of the *Client*'s latest version of the Project Cost Tool, or its successor, 1 hard copy of Project Cost Tool or successor and 1 electronic version in the original file format (.dwg,dxf/.doc/etc/) and 1 pdf format at the correct/original scale.
- Transfer to the *Client* databases of BIM data
- Delivery of the Final Carbon Report and Carbon Calculator in 1 hard copy, 1 electronic version in the original file format (.dwg,dxf/.doc/etc/) and 1 pdf format at the correct/original scale.

S 402 Sectional Completion definition

Sectional Completion is not utilised.

S 403 Training

Not needed.

S 404 Final Clean

The *Contractor* shall leave the Site in a clean, tidy condition and having removed all temporary structures, Equipment, Plant and Materials not required for the permanent *works*, to the satisfaction of the *Client*, Landowners and Stakeholders.

The *Contractor* undertakes similar 'Post-completion condition surveys' when the work is complete and on dates agreed with the *Supervisor*. Copies of the 'Post-completion condition surveys' are distributed in the same format and to the same recipients as the Pre-starting condition surveys no later than two weeks after Completion.

S 405 Security

Not needed.

S 406 Correcting Defects

The *Client* shall arrange access to the Site for the correction of defects following completion. The *Contractor* shall provide the *Project Manager* and *Client* with at least 5 weeks' notice of his intention to gain entry to the Site; the *Contractor* shall not gain entry to the Site following completion without the prior written approval of the *Project Manager*.

S 407 Pre-Completion arrangements

Prior to any *works* being offered for takeover or Completion the *Contractor* shall arrange a joint inspection with the *Supervisor*, *Project Manager*, *Client* (scheme *Project Manager*) and Senior User. The initial inspection shall take place a minimum of three weeks in advance of the planned takeover or *Completion*.

S 408 Take over

The *Client* does not intend to take over any part of the *works* prior to Completion.

S 500 Programme

S 501 Programme requirements

The programme complies with the requirements of Clause 31.2 and includes alignment and submission of the BEP and Master Information Delivery Plan (MIDP) (Appendix O). The *Contractor* shall submit the programme in both PDF and Microsoft Project formats electronically.

The *Contractor* shall include all aspects of *work* related to the SMC within the programme, in particular the production and approval of the WSI (two weeks for HE to review and approve the final version).

A base line plan shall be provided for the project start up meeting and this will be updated monthly for progress meetings with actual and forecast progress against the baseline.

S 502 Programme arrangement

Not required.

S 503 Methodology statement

The *Contractor* shall produce Method Statements stating how they will undertake each element of the *works*. Method statements shall be submitted for acceptance.

Method statements provided shall include full particulars of the methods, timing and sequence of construction, including the use and design of temporary *works*, Materials and Plant and Equipment proposed by the *Contractor*.

Method statements shall contain sufficient information to enable the *Project Manager* to assess any likely detriment to the proposed or the existing *works* or to the *Client's* overall objectives.

The *Contractor* shall submit method statements to the *Project Manager* at least 2 weeks in advance of carrying out items of *work*. The *Contractor* allows the *period for reply* for acceptance or rejection of method statements. The *works* shall not commence until the *Project Manager* has accepted the relevant method statements. The *Contractor* provides the *works* in accordance with the accepted method statement.

All method statements submitted to the *Project Manager* are to include environmental management actions where relevant

S 504 Work of the Client and Others

The order and timing of the *work* of the *Client* and Others to be included in the programme and information to be provided. Refer as necessary to sections WI 901 and WI 902.

S 505 Information required

The *Contractor* shall supply the information required to obtain written confirmation by HE to proceed with the *works*. Confirmation by HE will be required at least two weeks before *works* begin on the embankment.

S 506 Revised programme

The *Contractor* shall submit a report with each revised programme which describes and summarises the changes made to the programme from the previously Accepted Programme.

S 600 Quality management

S 601 Samples

The *Contractor* will agree a sampling regime with the *Supervisor* for the Plant and Material to be used in the *works*.

S 602 Quality Statement

The *Contractor* shall submit his quality plan for the *works* to the *Project Manager* within 2 weeks of the starting date. This is to be reviewed and accepted by the *Client*.

S 603 Quality management system

The *Contractor's* quality management system shall comply with the requirements of ISO 9001 and ISO 14001.

S 604 BIM requirements

The BIM Information Manager is the *Client's* Project Manager, and the project is to be undertaken in accordance with the *Clients* BIM protocols.

S 700 Tests and inspections

S 701 Tests and inspections

The *Contractor* shall produce and follow a testing and inspection schedule suitable to confirm that the *works* have been constructed in accordance with this Scope and the accepted design, this schedule shall be submitted for acceptance by the *Project Manager*.

The *Contractor* shall undertake as-built surveys of the defence prior to Completion to demonstrate that the design levels have been achieved. The survey record shall be stored in the Information Delivery Plan in accordance with the *Client's* BIM protocols. The *Contractor* will compare these survey results to any settlement curves developed in the detail design to demonstrate that the defence level will remain within specification for the whole of the design life of the *works*.

S 702 Management of tests and inspections

No additional requirements

S 703 Covering up completed work

No additional requirements.

S 704 *Supervisor's* procedures for inspections and watching tests

The *Contractor* shall give the *Supervisor* 2 days' notice before any tests are to be carried out.

S 800 Management of the works

S 801 Project team – Others

Refer to Contract Data for details.

S 802 Communications

The *Contractor* shall attend weekly progress meetings held on site, chaired by the *Client's* Project Manager. The *Contractors* Project Manager shall attend all meetings, other members of the *Contractors* team shall attend the meeting if requested by the *Project Manager*.

The *Contractor* shall attend monthly contract meetings held on site, these will take place instead of the weekly progress meeting. The *Contractors* Project Manager shall attend all meetings, other members of the *Contractors* team shall attend the meeting if requested by the *Project Manager*. For the contract progress meeting the *Contractor* shall produce a monthly progress report detailing *works* progressed since the last meeting, health and safety checks and incidents, progress against programme, public relations/interaction, planned *works*, the commercial situation, any other issues as deemed relevant. The *Project Manager* shall organise the meetings, produce the agenda and produce the minutes of the meeting.

The *Contractor* shall develop and maintain an emergency contacts list for the duration of construction. Copies of the emergency contacts list shall be provided to the *Client*, *Project Manager*, and *Supervisor*.

The *Contractor* shall use the *Client's* project collaboration tool, A-site, for the duration of the *works* for sharing all electronic information including drafts. The *Contractor* will adhere to the standard naming format used by the *Client*.

S 900 Working with the *Client* and Others

S 901 Sharing the Working Areas with the *Client* and Others

The *Client* will employ a badger specialist to oversee the *works* needed to remove the badger setts. The badger specialist will need to be on site when the *Contractor* undertakes any *works* associated with badger setts. The *Contractor* is to identify the *works* needed on the setts within the programme and provide two weeks' notice to the *Client* before *works* are carried out. The badger specialist will not undertake any physical *works*, but will merely be there for observation purposes only in order to ensure no badgers are present.

S 902 Co-operation

Not additional requirements.

S 903 Co-ordination

The *Contractor* is required to communicate with the *Client's* design consultants on any issues which may need to be addressed with the detailed design. The *Client* has a direct contract with the design consultant in order to rectify any issues with the design throughout the duration of the project.

S 904 Authorities and utilities providers

No additional requirements.

S 905 Diversity and working with the *Client*, Others and the public

The *Client* will lead with any communications that may be needed with the public.

S 1000 Services and other things to be provided

S 1001 Services and other things for the use of the *Client*, *Project Manager* or *Others* to be provided by the *Contractor*

The *Contractor* shall provide the following:

- 1 Meeting room large enough to facilitate weekly and monthly progress meetings (assume max capacity of 6 people),
- Storage facilities,
- Medical facilities and first aid.
- Sanitation,
- Copying and printing facilities for the above plus *Supervisor*,
- Wifi Facilities
- Sign boards and other signage as required,
- Fences, screens and hoardings,
- Maintenance of access roads,
- Utilities, eg. Water and power,
- Three hot desks for any visiting members of the *Client's* project team
- Tea and coffee facilities on site
- Welfare facilities

The above is not exhaustive

S 1002 Services and other things to be provided by the *Client*

The *Client* shall provide the following:

- Badger specialist

S 1100 Health and safety

S 1101 Health and safety requirements

The *Contractor* shall comply with all current Health and Safety Legislation. The *Contractor* shall discharge their duties in accordance with the requirements of the Construction (Design and Management) Regulations 2015. The *Contractor* shall use the guidance given in the Approved Code of Practice L153 – Managing health and safety in construction. Appendix E.1 of ‘Constructing a Better Environment SHEW CoP’ diagrammatically shows the CDM process to be followed and details who needs to be involved at what stage.

Procedures and policies as outlined in the Environment Agency ‘Constructing a better environment Safety, Health, Environment and Wellbeing (SHEW) Code of practice (CoP)’ document (Appendix E) shall be applied throughout the Contract. In particular, the *Contractor* shall adhere to the specific competence and training requirements detailed in section 4.2. The *Contractor* shall demonstrate how H&S training will be carried out, the reporting procedures and commitment to the process.

The *Contractor* shall provide first aid facilities, materials and personnel trained in first aid, for the benefit of his own people, those of his Subcontractors and the site staff of the *Project Manager*, *Supervisor* and *Client*.

The *Contractor* shall copy the *Project Manager* in all correspondence with the principal designer.

The *Contractor* shall provide regular toolbox talks to site personnel to ensure that health, safety and environmental issues, the requirements of the contract and the design and the contents of the method statements are communicated throughout the site team.

The *Contractor* shall report any health and safety incidents, “near misses”, and instances of bad practice observed during the *works* using the procedure outlined in “Environment Agency Operational Instruction 300_10_SD20: Reporting incidents at *Contractors*’ sites” (Appendix F). The *Contractor* shall follow the RIDDOR reporting procedure detailed in Appendix A of ‘Constructing a Better Environment SHEW CoP’ (Appendix E).

In undertaking the *works*, the *Contractor* shall ensure the following:

- Zero utility strikes based on compilation of utility records pre-*works*
- Working near water to be managed.
- Interface with public to be managed, including zero incidents with members of the public and dust management in place.
- Access and egress routes to be agreed and assessed by the *Contractor*.
- Site PPE requirements enforced
- Site induction process in place.
- Emergency procedures for accidents, fire, evacuation in place.
- Parking facilities and traffic route information provided.
- Site access and security arrangements in place.

The *Contractor* shall carry out suitable fire risk assessments and arrange his own procedures and fire plan. Details must be included in the Construction Phase Plan prior to commencement of *work* on site. It is expected that site-specific plans are produced covering:

- Main compound area

- Fuel and chemical storage facilities
- Other areas as assessed by the *Contractor*

The *Contractor* shall produce site-specific emergency plans covering:

- Water rescue and recovery, including contingencies for those parts of the site that may be subjected to flooding
- Working adjacent to live traffic
- Environmental Incidents
- Flooding

The *Contractor* shall provide full welfare provision for the site in accordance with schedule 2 of the CDM Regulations 2015, plus additional provisions as stated in Constructing a Better Environment SHEW Code of Practice 2017 sections 2.6, 2.7 and 4.8. Proposals, which will include a schematic showing the compound layout and welfare facilities, shall be fully detailed in the Construction Phase Plan submitted to the *Client* for review under Regulation 16.

The *Contractor* shall submit site monthly progress reports to the *Client* or his representative, which include, as a minimum, the following information:

- Accident Reports – Reportable Accidents, Near Misses, etc
- Site Safety Audits carried out during the month
- Update on site Welfare facilities supplied to *works*
- Tool Box Talks given during the month
- Health & Safety Initiatives
- CDM Issues:
 - Update Information for F10 if one has been issued.
 - Design Changes
 - Update Information for Construction Phase Plan
- Collation of information for Health & Safety File.

S 1102 Method statements

Detail the operations for which the *Contractor* is required to submit method statements and risk assessments to the *Project Manager* for acceptance.

The *Contractor* shall produce and issue to the principal designer, for review and acceptance, a suitable Construction Phase Plan (CPP), which is to be submitted as early as practical but at least a minimum of 10 working days prior to the planned start of any *works*. The CPP must contain details of any Materials required for the *works* that may pose a risk.

The *Contractor* shall produce and issue to the *Project Manager*, for review and comment, method statements in advance of carrying out all items of *work*, a minimum of one week. All method statements shall include, but are not limited to, full particulars of methods, people, organisation, working hours, safety, Plant and Equipment, expected outputs, timing, environment (including environmental risk assessments), welfare, and sequence of construction including the use and design of temporary *works*, and Materials proposed by the *Contractor*. Method statements contain sufficient

information to enable the *Project Manager* to assess the likely detriment to either the proposed or the existing *works* or to the *Client's* overall objectives.

The *Contractor* shall demonstrate in his method statements the actions he intends to take to reduce/ minimise/ negate environmental impacts.

The *Contractor* is responsible for any and all temporary *works* design and is to make due allowance in his programme for this and for any statutory approvals necessary.

S 1103 Legal requirements

The Construction (Design and Management) Regulations, 2015, apply.

The *Contractor* shall fulfil the role of Principal Contractor under the Construction Design and Management Regulations 2015 for the duration of the *works*. The *Client* shall employ a Principal Designer for the duration of the *works*. The *Client* shall under take the *Client* duties.

S 1104 Inspections

The *Project Manager* will undertake regular checks on the *Contractor's* Health and Safety procedures including record of site inductions, tool box talks, confined space procedures and certifications, PPE.

S 1200 Subcontracting

S 1201 Restrictions or requirements for subcontracting

The *Contractor* shall subcontract all associated *works* of the WSI to a competent Subcontractor that can demonstrate their competency in delivering the WSI to the *Project Manager*, the Subcontractor must have carried out *works* of a similar nature.

S 1202 Acceptance procedures

As per NEC ECC contract.

S 1300 Title

S 1301 Marking

There are no requirements for marking Equipment, Plant and Materials which are outside the working areas.

S 1302 Materials from Excavation and demolition

As per Clause 73.2 of the NEC ECC contract

S 1400 Acceptance or procurement procedure (Options C)

No additional requirements

S 1500 Accounts and records (Options C)

S 1501 Additional Records

In addition of Clause 52.2 (Options C) of the NEC ECC contract the following records shall be kept by the *Contractor*:

- Timesheets and site allocation sheets,
- Equipment records,
- Forecasts of the total Defined Cost,(Forecasts are to include, but not be limited to costs to date, costs to completion including detailed breakdown of staff, sub-contract and major Material items)
- Specific procurement and cost reports

The above records shall be kept up to date on a weekly basis and filed in separate files, and be available for inspection by the *Project Manager*.

S 1600 Parent Company Guarantee (Option X4)

Not required

S 1700 *Client's work specifications and drawings*

S 1701 *Client's work specification*

The Earthworks and sheet pile specification can be found in Appendix H.

S 1702 *Drawings*

The *Client's* drawings are included in Appendix A, and associated documents within further Appendices to be read in conjunction with the Detailed Design drawings.

S 1703 *Standards the Contractor will comply with*

The *Contractor* should carry out their *work* using the following guidance.

Ref	Report Name	Where used
Appendix E	Constructing a Better Environment Safety, Health, Environment and Wellbeing (SHEW) Code of Practice (CoP) May 2018	Throughout the duration fo the <i>works</i>

Appendix A Detailed Design Drawings

Drawing Name	Drawing Number	Revision
Existing Utilities Plan	ENV0001348C-JHY-00-00-DR-C-A0600_01-S4-C01-A0600-EA-LOD4	C01
General Arrangement	ENV0001348C-JHY-00-00-DR-C-B0200_1-S4-C02-B0200-EA4-LOD4	C02
Cross Sections	ENV0001348C-JHY-00-00-DR-C-B0200_2-S4-C02-B0200-EA4-LOD4	C02
Typical Sections Details	ENV0001348C-JHY-00-00-DR-C-B0200_3-S4-C02-B0200-EA4-LOD4	C02
Sheet Pile Wall Layout	ENV0001348C-JHY-00-00-DR-C-B0200_4-S4-C02-B0200-EA4-LOD4	C02
Cattle Poaching & Typical Void Filling Details	ENV0001348C-JHY-00-00-DR-C-B0200_5-S4-C02-B0200-EA4-LOD4	C02
Badger Mesh GA & Details	ENV0001348C-JHY-00-00-DR-C-B0200_6-S4-C01-B0200-EA4-LOD4	C01
Site Access, Compound & Working Area	ENV0001348C-JHY-00-00-DR-C-D0100_1-S4-C01-D0100-EA4-LOD4	C01

Appendix B – Proposed Site Compound

Appendix C – Scheduled Monument Consent

Appendix D - Torksey Scope for Archaeological Monitoring of Works

Appendix E - Safety, Health, Environment and Wellbeing (SHEW) Code of Practice

Appendix F - Reporting incidents at *Contractors'* sites

Appendix G - Minimum Technical Requirements Landscape and Environmental Design

Appendix H - Earthworks & Sheet Pile Spec

Appendix I -Torksey PSRA

Appendix J - Torksey RAG List

Appendix K - Torksey DRA

Appendix L - Buildability Statement

Appendix M - Torksey PCI

Appendix N – BIM *Clients* Information Requirements

Appendix O – BIM *Client's* Information Delivery Plan

All *Client* issued information referenced within the Information Delivery Plan remains within the *Site Information* unless it is referenced elsewhere within the *Scope*

<http://www.pow.bim4.info/?ref=ENV0001348C>