



<b>Framework:</b>	<b>Collaborative Delivery Framework</b>
<b>Supplier:</b>	<b>BAM Nuttall Ltd</b>
<b>Company Number:</b>	<b>00305189</b>
<b>Geographical Area:</b>	<b>East</b>
<b>Project Name:</b>	<b>The River Roding Project - ESE - GI</b>
<b>Project Number:</b>	<b>ENVIMSE500156</b>
<b>Contract Type:</b>	<b>Engineering Construction Contract</b>
<b>Option:</b>	<b>Option C</b>
<b>Contract Number:</b>	<b>31453</b>

Revision	Status		Originator		Reviewer		Date

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

**Project Name** The River Roding Project - ESE - GI

**Project Number** ENVIMSE500156

This contract is made on 22 March 2021  
between the *Client* and the *Contractor*

- This contract is made pursuant to the Framework Agreement (the "Agreement") dated 10th 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  
412\_13\_SD03 v NGSA ECC Scope\_TRRP GI at the FSA 2021\_FINAL version 2 dated 5th March 2021

### 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

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)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

Ground investigation and trial trenching at the flood storage area (FSA) [REDACTED]

The *Client* is [REDACTED]

Address for communications  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

Address for electronic communications [REDACTED]

The *Project Manager* is [REDACTED]

Address for communications  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

Address for electronic communications [REDACTED]

The *Supervisor* is TBC [REDACTED]

Address for communications [REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

Address for electronic communications [REDACTED]

The Scope is in 412\_13\_SD03 v NGSA ECC Scope\_TRRP GI at the FSA 2021\_FINAL version 2 dated 5th March 2021

The Site Information is in [REDACTED]

The *boundaries of the site* are [REDACTED] dated 5th March 2021

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

<i>condition</i> to be met	<i>key date</i>
'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 06 April 2021

The *access dates* are part of the Site date 06 April 2021  
Land associated with the FSA and borrow area at Sho

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

The *Completion Date* for the whole of the *works* is 31 December 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 1 weeks

## 4 Quality management

The period after the Contract Date within which the *Contractor* is to submit a quality plan is 1 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 £210,203.43

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 Writtle, Location: 51.733, 0.431

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 and which are available from

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	
May	Nov
Jun	

These are additional compensation events

1. Managing and mitigating the impact of Covid 19 and working in accordance with Public Health England guidance, as may vary from time to time, between 1st November 2020 and 30th June 2021
2. 'not used'
3. 'not used'
4. 'not used'
5. 'not used'

## 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 2A: Risk transfer: Physical conditions within the Site

Clause 60.1 (12) is deleted from this contract.

### 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 Work

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*."

### 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.

#### 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

#### Z19 Linked contracts

Delays and additional cost on this contract resulting from the *Contractor's* fault or error on a previous contract on this project or programme will be a Disallowable cost under this contract and not be a Compensation event under this contract.

#### Z20 Defect Dates for Sections

Where a section of the *works* is defined and is located in a separate area of the Site, the time to the *defects date* for that section is the defined period after the Completion of that *section*, and is defined in the Contract Data.

#### 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 £121.14 per day

### 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 £1,000,000.00

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 6 year(s)

### 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(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





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 BAM Nuttall Ltd

Address for communications

[Redacted]  
[Redacted]  
[Redacted]  
[Redacted]  
[Redacted]

Address for electronic communications

[Redacted]

The fee percentage is

Option C

[Redacted]

The working areas are

The site, all BAM and EA offices and premises either temporary or permanent, as well as BAM employees home residences

The key persons are

Name (1) [Redacted]  
Job [Redacted]  
Responsibilities [Redacted]  
Qualifications [Redacted]  
Experience [Redacted]

The key persons are

Name (2) [Redacted]  
Job [Redacted]  
Responsibilities [Redacted]  
Qualifications [Redacted]  
Experience [Redacted]

The key persons are

Name (3) [Redacted]  
Job [Redacted]  
Responsibilities [Redacted]  
Qualifications [Redacted]  
Experience [Redacted]

The key persons are

Name (4)  
Job  
Responsibilities  
Qualifications  
Experience

The following matters will be included in the Early Warning Register

2 The Contractor's main responsibilities

The Scope provided by the *Contractor* for its design is in

3 Time

The programme identified in the Contract Data is

5 Payment

The *activity schedule* is

Resolving and avoiding disputes

The *Senior Representatives* of the *Contractor* are

Name (1) [redacted]  
Address for communications  
[redacted]  
[redacted]  
[redacted]  
[redacted]

Address for electronic communications  
[redacted]

Name (2) [redacted]  
Address for communications  
[redacted]  
[redacted]  
[redacted]  
[redacted]  
[redacted]

Address for electronic communications  
[redacted]

X10: Information Modelling

The *information execution plan* identified in the Contract Data is

# 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 BAM Nuttall Ltd



Signature

Role

29/03/21