



Framework:

Supplier:

Company Number:

Geographical Area:

Project Name:

Project Number:

Contract Type:

Option:

Contract Number:

Stage:

Collaborative Delivery Framework

BAM Nuttall Ltd

00305189

East

River Thames Scheme Sediment Sampling Site Investigations

Engineering Construction Contract

Option C

project\_36759

Other

Revision	Status		Originator		Reviewer		Date

ENGINEERING AND CONSTRUCTION CONTRACT under the Collaborative Delivery Framework  
CONTRACT DATA

Project Name River Thames Scheme Sediment Sampling Site Investigations

Project Number

This contract is made on  
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  
RTS - Sediment Sampling Investigation Scope P03 dated 17/06/2022

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	<input checked="" type="checkbox"/>
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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

Undertaking sediment sampling site investigations in support of the River Thames Scheme.

The <i>Client</i> is	Environment Agency
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Address for communications	Horizon House Deanery Road Bristol BS1 5AH
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Address for electronic communications	
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The <i>Project Manager</i> is	
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Address for communications	KINGS MEADOW HOUSE KINGS MEADOW ROAD READING BERKSHIRE RG1 8DQ
----------------------------	--

Address for electronic communications	
---------------------------------------	--

The <i>Supervisor</i> is	
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Address for communications	Binnies
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3rd Floor, One City Place  
Queens Road  
Chester  
CH1 3BQ

Address for electronic communications [REDACTED]

The Scope is in  
RTS - Sediment Sampling Investigation Scope P03 dated 17/06/2022

The Site Information is in  
RTS - Sediment Sampling Investigation - Site Information P01

The boundaries of the site are  
As detailed in RTS - Sediment Sampling Investigation - Site Information P01

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
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3 Time

The starting date is	18 July 2022
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The access dates are	
part of the Site	date
the Site	18 July 2022
Fastdraft	18 July 2022
ASITE	18 July 2022

The Contractor submits revised programmes at intervals no longer than	4 weeks
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The Completion Date for the whole of the works is	23 December 2022
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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
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4 Quality management

The period after the Contract Date within which the Contractor is to submit a quality plan is	4 weeks
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The period between Completion of the whole of the works and the defects date is	52 weeks
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The defect correction period is	2 weeks	except that
• The defect correction period for	public safety	is 24 Hours
• The defect correction period for	waterways	is 24 Hours

5 Payment

The *currency of the contract* is the £ sterling

The *assessment interval* is Monthly

The *Client* set total of the Prices is £2,721,329.00

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 Heathrow 51.479, -0.449

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:

- wind speed
- 
- 
- 
- 

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 Heathrow 51.479, -0.449 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	Not used	Jul	Not used
Feb	Not used	Aug	Not used
Mar	Not used	Sep	Not used
Apr	Not used	Oct	Not used
May	Not used	Nov	Not used
Jun	Not used	Dec	Not used

These are additional compensation events

- Wind speed greater than 60 kmph
- Flow rate greater than 5 m/s measured at the sample location
- Minimum water depth less than 0.5m measured at the sample location
- 'not used'
- 'not used'

8 Liabilities and insurance

These are additional *Client's* liabilities

- 'not used'
- 'not used'
- '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

not used

Resolving and avoiding disputes

The <i>tribunal</i> is litigation in the courts	
The <i>Senior Representatives of the Client</i> are	
Address for communications	GUILDBOURNE HOUSE CHATSWORTH ROAD WORTHING WEST SUSSEX BN11 1LD
Address for electronic communications	
Name	
Address for communications	
Address for electronic communications	
The <i>Adjudicator</i> is	'to be confirmed'
Address for communications	'to be confirmed'
Address for electronic communications	'to be confirmed'
The <i>Adjudicator nominating body</i> 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* r.  
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* ."

Z7 Contractor's share

After c154.2 and before c154.3, insert the following additional clause:  
54 2A If, prior to Completion of the whole of the works, the Price for Work Done to Date exceeds 110% of the total of the Prices, the amount in excess of 110% of the total of the Prices is retained from the Contractor.

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.

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.

**Z30 Material Price Volatility**  
The *Client* recognises the ongoing pricing uncertainty in relation to materials for the period from 1 July 2021 to 30 June 2023 the *Client* will mitigate this additional cost through this clause. Payment is made per assessment based upon a general average material proportion within assessments, calculated at 40%.

Z30.1 Defined terms  
a) The Latest Index (L) is the latest index as issued by the *Client*. The L, which is at the discretion of the Client, is based upon the issued consumer price index ((CPI) based upon the 12-month rate) before the date of assessment of an amount due.  
b) The Price Volatility Provision (PVP) at each date of assessment of an amount due is the total of the Material Factor as defined below multiplied by L for the index linked to it.  
c) Material Factor (MF) 40% is used, based on a general average material proportion across our programme. The volatility provision is only associated with material element. No volatility provision is applicable to any other component of costs.

Z30.2 Price Volatility Provision  
Through a Compensation Event the *Client* shall pay the PVP. PVP is calculated as:  
Assessment x MF x L = PVP

If an index is changed after it has been used in calculating a PVP, the calculation is not changed and remains based upon the rate issued by the *Client*. The PVP calculated at the last assessment before 30 June 2022 is used for calculating the price increase after that date.

Z30.3 Price Increase  
Each time the amount due is assessed, an amount for price increase is added to the total of the Prices which is the change in the Price for Work Done to Date for the materials component only (and the corresponding proportion) since the last assessment of the amount due multiplied PVP for the date of the current assessment.

Z30.4 Compensation Events  
The *Contractor* shall submit a compensation event for the PVP on a monthly basis (where applicable) capturing Defined Cost only for the PWDD increase in month. Forecasted costs should only be considered for the June 2022 period compensation event.

Assessment Date	Defined Cost?	Forecasted Cost?
31 July 2021	In period costs only	No
31 August 2021	In period costs only	No
30 September 2021	In period costs only	No
31 October 2021	In period costs only	No
30 November 2021	In period costs only	No
31 December 2021	In period costs only	No
31 January 2022	In period costs only	No
28 February 2022	In period costs only	No
31 March 2022	In period costs only	No
30 April 2022	In period costs only	No
31 May 2022	In period costs only	No
30 June 2022	In period costs only	Forecasted costs for remainder of contract

The Defined Cost for compensation events is assessed using  
- the Defined Cost at base date levels for amounts calculated from rates stated in the Contract Data for People and Equipment and  
- the Defined Cost current at the date the compensation event was notified, adjusted to the base date by 1+PVP for the last assessment of the amount due before that date, for other amounts.

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 £1,085.62 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 £5,000,000

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 years

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  
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	<i>beneficiary</i>
Not used	Not used
Not used	Not used
Not used	Not used
Not used	Not used
term	<i>beneficiary</i>
The provisions of Y(UK)1	Not used



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 St James House  
Knoll Road  
Camberley  
Surrey  
GU15 3XW

Address for electronic communications [Redacted]

The fee percentage is 

Option C

[Redacted]

The working areas are The site, sub-contractor's workshops, 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 Senior Contracts Manager

Responsibilities Overall responsibility of projects under the framework

Qualifications  
Experience

The key persons are

Name (2) [Redacted]  
Job Project Manager

Responsibilities Project Delivery

Qualifications  
Experience

The key persons are

Name (3) [Redacted]  
Job Managing Quantity Surveyor

Responsibilities Commercial Management of project

Qualifications  
Experience

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  
The Airfield  
Shipdham  
Thetford  
IP25 7SP

Address for electronic communications  
[REDACTED]

Name (2) [REDACTED]  
Address for communications  
St. James House  
Knoll Road  
Camberley  
Surrey  
GU15 3XW

Address for electronic communications  
[REDACTED]

X10: Information Modelling

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

Y(UK)1: Project Bank Account

The *project bank* is  
[REDACTED]

*named suppliers* are

Contract Execution

Client execution

Signed Underhand by [PRINT NAME] for and on behalf of the Environment Agency

[Redacted Signature]

Deputy Sponsor

Signature

Date

Role

Contractor execution

Signed Underhand by [PRINT NAME] for and on behalf of BAM Nuttall Ltd

[Redacted Signature]

[Redacted Signature]

14/7/2022

Finance Director

Signature

Date

Role