

NEC4 Engineering and Construction

Short Contract

FCRM Operational Framework – Northern Hub

A contract between

**The Environment Agency
Horizon House
Deanery Road
Bristol
BS1 5AH**

And

XXXXXXXX

For

Debris Screen Refurbishment works 2020/2021

Contract Forms

- **Contract Data**
- **The *Contractor's* Offer and *Client's* Acceptance**
- **Price List**
- **Scope**
- **Site Information**

Contract Data

The *Client's* Contract Data

	The <i>Client</i> is	
Name	Environment Agency	
Address for communications	Environment Agency, Sale Depot Carrington Road, Sale Cheshire M33 5NL	
Address for electronic communications	Callum.richard-davies@environment-agency.gov.uk	
The <i>works</i> are	Debris Screen Refurbishment across 6 sites	
The <i>site</i> is	Avenue Street - SD 70649 10090 - BL1 3AW Spa Road - SD 70456 08837 - BL1 4ST The Reach - SD 74348 02850 - M28 3PQ Brighton Grove – SJ 85624 94764 - M14 5JG Alexandra Road - SJ 57540 99771 - WN4 9SL Queens Park - SJ 57725 99542 - WN4 8LB	
The <i>starting date</i> is	2 nd November	
The <i>completion date</i> is	31 st July 2021	
The <i>delay damages</i> are	£1319.19	Per day
The <i>period</i> for reply is	2	weeks
The <i>defects date</i> is	52	weeks after Completion
The <i>defects correction period</i> is	4	weeks
The <i>assessment day</i> is	the last working day	of each month
The <i>retention</i> is	nil	%

The United Kingdom Housing Grants, Construction and Regeneration Act (1996) does apply?
The <i>Adjudicator</i> is :
In the event that a first dispute is referred to adjudication, the referring Party at the same time applies to the Institution of Civil Engineers to appoint an <i>Adjudicator</i> . The application to the Institution includes a copy of this definition of the <i>Adjudicator</i> . The referring Party pays the administrative charge made by the Institution. The person appointed is also <i>Adjudicator</i> for later disputes.

Contract Data

The *Client's* Contract Data

The interest rate on late payment is		% per complete week of delay.
For any one event, the liability of the <i>Contractor</i> to the <i>Client</i> for loss of or damage to the <i>Client's</i> property is limited to	£100,000	
The <i>Client</i> provides this insurance	None	
Insurance Table		
Event	Cover	Cover provided until
Loss of or damage to the <i>works</i>	The replacement cost	The <i>Client's</i> certificate of Completion has been issued
Loss of or damage to Equipment, Plant and Materials	The replacement cost	The defects Certificate has been issued
The <i>Contractor's</i> liability for loss of or damage to property (except the works, Plant and Materials and Equipment) and for bodily injury to or death of a person (not an employee of the <i>Contractor</i>) arising from or in connection with the <i>Contractor's</i> Providing the Works	Minimum £5,000,000 in respect of every claim without limit to the number of claims	
Liability for death of or bodily injury to employees of the <i>Contractor</i> arising out of and in the course of their employment in connection with this contract	The amount required by the applicable law	
Failure of the <i>Contractor</i> to use the skill and care normally used by professionals providing works similar to the works	Minimum £100,000 in respect of every claim without limit to the number of claims	12 years following Completion of the whole of the works or earlier termination
The <i>Adjudicator nominating body</i> is	The Institution of Civil Engineers	
The <i>tribunal</i> is	litigation in the courts	
The <i>conditions of contract</i> are the NEC4 Engineering and Construction Short Contract June 2017 and the following additional conditions		
Only enter details here if additional conditions are required.		

Z1.0	Sub-contracting
Z1.1	The <i>Contractor</i> submits the name of each proposed subcontractor to the <i>Client</i> for acceptance. A reason for not accepting the subcontractor is that their appointment will not allow the <i>Contractor</i> to Provide the Works. The <i>Contractor</i> does not appoint a proposed subcontractor until the <i>Client</i> has accepted them.
Z1.2	Payment to subcontractors and suppliers will be no more than 30 days from receipt of invoice.
Z2.0	Environment Agency as a regulatory authority
Z2.1	The Environment Agency's position as a regulatory authority and as <i>Client</i> under the contract is separate and distinct. Actions taken in one capacity are deemed not to be taken in the other.
Z2.2	Where statutory consents must be obtained from the Environment Agency in its capacity as a regulatory authority, the <i>Contractor</i> is responsible for obtaining these and paying fees. The <i>Client's</i> acceptance of a tender and the <i>Client's</i> instruction or variation of the works does not constitute statutory approval or consent.
Z2.3	An action by the Environment Agency as regulatory authority is not in its capacity as <i>Client</i> and is not a compensation event.
Z3.0	Confidentiality & Publicity
Z3.1	The <i>Contractor</i> may publicise the works only with the <i>Client's</i> written agreement
Z4.0	Correctness of Site Information
Z4.1	Site Information about the ground, subsoil, ducts, cables, pipes and structures is provided in good faith by the <i>Client</i> but is not warranted correct. The <i>Contractor</i> checks the correctness of any such Site Information they rely on for the purpose of Providing the Works.
Z5.0	The Contracts (Rights of Third Parties) Act 1999
Z5.1	For the purposes of the Contracts (Rights of Third Parties) Act 1999, nothing in this contract confers or purports to confer on a third party any benefit or any right to enforce a term of this contract.
Z6.0	Design
Z6.1	Where design is undertaken, it is the obligation of the <i>Contractor</i> to ensure the use of skill and care normally used by professionals providing similar design services.
Z6.2	The <i>Contractor</i> designs the parts of the works which the Scope states they are to design.
Z6.3	The <i>Contractor</i> submits the particulars of their design as the Scope requires to the <i>Client</i> for acceptance. A reason for not accepting the <i>Contractor's</i> design is that it does not comply with either the Scope or the applicable law. The <i>Contractor</i> does not proceed with the relevant work until the <i>Client</i> has accepted this design
Z6.4	The <i>Contractor</i> may submit their design for acceptance in parts if the design of each part can be assessed fully.
Z7.0	Change to Compensation Events
Z7.1	Delete the text of Clause 60.1(11) and replace by: The works are affected by any one of the following events <ul style="list-style-type: none"> • War, civil war, rebellion revolution, insurrection, military or usurped power • Strikes, riots and civil commotion not confined to the employees of the <i>Contractor</i> and sub-contractors • Ionising radiation or radioactive contamination from nuclear fuel or nuclear waste resulting from the combustion of nuclear fuel • Radioactive, toxic, explosive or other hazardous properties of an explosive nuclear device • Natural disaster • Fire and explosion • Impact by aircraft or other device or thing dropped from them
Z8.0	Framework Agreement
Z8.1	The <i>Contractor</i> shall ensure at all times during this contract it complies with all the obligations and conditions of the Framework Agreement made with the <i>Client</i> .
Z9.0	Termination
Z9.1	Delete the text of Clause 92.3 and replace with: If the <i>Contractor</i> terminates for Reason 1 or 6, the amount due on termination also includes 5% of any excess of a forecast of the amount due at Completion had there been no termination over the amount due on termination assessed as for normal payments
Z10.0	Data Protection
Z10.1	The requirements of the Data Protection Schedule shall be incorporated into this contract
Z11.0	Liabilities and Insurance
Z11.1	Civil data protection claims and regulatory fines for breaches of Data Protection Legislation are excluded from any limit of liability stated.

Z7.2	Additional Compensation Event COVID-19 Managing and mitigating the impact of Covid 19 and working in accordance with Public Health England guidance, as may vary from time to time, until 31st October 2020.
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Contract Data

The Contractor's Contract Data

The <i>Contractor</i> is		
Name	A E Yates Ltd	
Address for communications	Cranfield Road, Lostock Industrial Estate, Lostock, Bolton BL6 4SB	
Address for electronic communications	civils@aeyates.co.uk	
The <i>fee</i> percentage is		4.85%
The <i>people</i> rates are		
category of person	unit	rate
Agent	Per hr	£ 25.68
Engineer	Per hr	£ 25.68
Foreman	Per hr	£ 24.58
Labourer	Per hr	£ 15.31
The <i>published list of Equipment</i> is		The Civil Engineering Contractors Association
The <i>percentage for adjustment for Equipment</i> is		-30%

Contract Data

The *Contractor's* Offer and *Client's* Acceptance

The *Contractor* offers to Provide the Works in accordance with these *conditions of contract* for an amount to be determined in accordance with these *conditions of contract*.

The offered total of the Prices is £ 344,610.56

Signed on behalf of the *Contractor*

Name Peter Tarrant

Position Senior Estimator

Signature P W Tarrant

Date 11th November 2020.

The *Client* accepts the *Contractor's* Offer to Provide the Works

Signed on behalf of the *Client*

Name Mark Taylor

Position Senior Commercial Manager

Signature 

Date 17/12/2020

Price List

If the **Contractor** is to be paid an amount for the item of work which is the rate for the work multiplied by the quantity completed, the tenderer enters the rate which is then multiplied by the expected quantity to produce the Price, which is also entered. Rates that are provided at a Framework level Must be used when pricing.

Item Number	Description	Unit	Quantity	Rate	Price
	Avenue Street - SD 70649 10090				
	Review all provided outline design drawings, provide detail design drawings for construction, and attend sign off meeting in person/video link to agree the final drawings. (Copies to be made available to EA PM in AutoCAD 2014 and PDF formats).	Sum			4,956.74
	Application for Bespoke Permit from the Environment Agency	Sum			1,164.80
	Waste Analysis. For clarification and verification. Supplied in PDF format.	Sum			210.83
	Site Setup, fencing, security & preliminaries	Sum			3,047.21
	Undertake temporary flood retention upstream of the screen (i.e. trash poles etc.) to protect from debris/tree strikes.	Sum			1,151.43
	Temporary protection screen from the culvert inlet to stop onsite staff/public being washed through the culvert.	Sum			670.95
	Over pumping the site to dry up area	Sum			2,742.82
	Demolition Work, deconstructing the existing screen and taken back to Sale Depot for recycling. (COVID rules will apply and permissions will need to be acquired prior to entry.	Sum			1,153.20
	Construction of new reinforced concrete structure, wing walls, slabs, steps and civils elements.	Sum			18,759.64

	Supply and Install new steel elements, screen, and tread deck as per Detailed Design.	Sum			11,077.25
	Supply and install new hand railing, mesh and access gates as per Detailed Design and PSRA assessment	Sum			3,179.90
	Reinstate site to original condition or a betterment.	Sum			1,196.30
	Supervision	Sum			14,088.49
	Spa Road - SD 70456 08837				
	Review all provided outline design drawings, provide detail design drawings for construction, and attend sign off meeting in person/video link to agree the final drawings. (Copies to be made available to EA PM in AutoCAD 2014 and PDF formats).	Sum			3,426.92
	Application for Bespoke Permit from the Environment Agency	Sum			1,164.80
	Waste Analysis. For clarification and verification. Supplied in PDF format.	Sum			210.83
	Site Setup, fencing, security & preliminaries	Sum			1,775.20
	Undertake Ground investigation works to ensure suitability of ground for driven debris poles.	Sum			3,068.12
	Undertake temporary flood retention upstream of the screen (i.e. trash poles etc.) to protect from debris/tree strikes.	Sum			394.87
	Over pumping the site to dry up area	Sum			2,468.36
	Demolition Work, deconstructing the existing screen and taken back to Sale Depot for recycling. (COVID rules will apply and permissions will need to be acquired prior to entry.	Sum			7,385.52
	Installation of coarse "debris poles" as per Detailed Design.	Sum			20,939.81
	Reinstate site to original condition or a betterment.	Sum			1,196.30
	Supervision	Sum			14,172.35
	The Reach - SD 74348 02850				

	Review all provided outline design drawings, provide detail design drawings for construction, and attend sign off meeting in person/video link to agree the final drawings. (Copies to be made available to EA PM in AutoCAD 2014 and PDF formats).	Sum			4,949.12
	Application for Bespoke Permit from the Environment Agency	Sum			1,164.80
	Waste Analysis. For clarification and verification. Supplied in PDF format.	Sum			210.83
	Site Setup, fencing, security & preliminaries	Sum			4,749.51
	Undertake temporary flood retention upstream of the screen (i.e. trash poles etc.) to protect from debris/tree strikes.	Sum			1,151.43
	Temporary protection screen from the culvert inlet to stop onsite staff/public being washed through the culvert.	Sum			670.95
	Over pumping the site to dry up area	Sum			2,605.61
	Demolition Work, deconstructing the existing screen and taken back to Sale Depot for recycling. (COVID rules will apply and permissions will need to be acquired prior to entry.	Sum			880.61
	Construction of new reinforced concrete structure, wing walls, slabs, steps and civils elements.	Sum			10,032.05
	Supply and Install new steel elements, screen, and tread deck as per Detailed Design.	Sum			16,924.54
	Supply and install new hand railing, mesh and access gates as per Detailed Design and PSRA assessment	Sum			3,118.17
	Reinstate site to original condition or a betterment.	Sum			2,082.23
	Supervision	Sum			13,825.01
	Brighton Grove – SJ 85624 94764				
	Review all provided outline design drawings, provide detail design drawings for construction,	Sum			4,934.27

	and attend sign off meeting in person/video link to agree the final drawings. (Copies to be made available to EA PM in AutoCAD 2014 and PDF formats).				
	Application for Bespoke Permit from the Environment Agency	Sum			1,164.80
	Waste Analysis. For clarification and verification. Supplied in PDF format.	Sum			210.83
	Site Setup, fencing, security & preliminaries	Sum			2,287.71
	Undertake temporary flood retention upstream of the screen (i.e. trash poles etc.) to protect from debris/tree strikes.	Sum			801.99
	Temporary protection screen from the culvert inlet to stop onsite staff/public being washed through the culvert.	Sum			612.71
	Over pumping the site to dry up area	Sum			2,496.42
	Demolition Work, deconstructing the existing screen and taken back to Sale Depot for recycling. (COVID rules will apply and permissions will need to be acquired prior to entry.	Sum			3,878.91
	Construction of new reinforced concrete structure, wing walls, slabs, steps and civils elements.	Sum			0.00
	Supply and Install new steel elements, screen, and tread deck as per Detailed Design.	Sum			39,077.88
	Supply and install new hand railing, mesh and access gates as per Detailed Design and PSRA assessment	Sum			0.00
	Reinstate site to original condition or a betterment.	Sum			816.86
	Supervision	Sum			10,803.75
	Alexandra Road - SJ 57540 99771				
	Review all provided outline design drawings, provide detail design drawings for construction, and attend sign off meeting in person/video link to agree the final drawings. (Copies to be	Sum			4,913.30

	made available to EA PM in AutoCAD 2014 and PDF formats).				
	Application for Bespoke Permit from the Environment Agency	Sum			1,164.80
	Waste Analysis. For clarification and verification. Supplied in PDF format.	Sum			210.83
	Site Setup, fencing, security & preliminaries	Sum			3,047.21
	Undertake temporary flood retention upstream of the screen (i.e. trash poles etc.) to protect from debris/tree strikes.	Sum			685.51
	Temporary protection screen from the culvert inlet to stop onsite staff/public being washed through the culvert.	Sum			306.35
	Over pumping the site to dry up area	Sum			701.22
	Demolition Work, deconstructing the existing screen and taken back to Sale Depot for recycling. (COVID rules will apply and permissions will need to be acquired prior to entry.	Sum			1,461.87
	Construction of new reinforced concrete structure, wing walls, slabs, steps and civils elements.	Sum			12,563.82
	Supply and Install new steel elements, screen, and tread deck as per Detailed Design.	Sum			4,376.68
	Supply and install new hand railing, mesh and access gates as per Detailed Design and PSRA assessment	Sum			4,266.66
	Reinstate site to original condition or a betterment.	Sum			1,196.30
	Supervision	Sum			10,566.37
	Queens Park - SJ 57725 99542				
	Review all provided outline design drawings, provide detail design drawings for construction, and attend sign off meeting in person/video link to agree the final drawings. (Copies to be made available to EA PM in AutoCAD 2014 and PDF formats).	Sum			4,596.74

	Application for Bespoke Permit from the Environment Agency	Sum			1,164.80
	Waste Analysis. For clarification and verification. Supplied in PDF format.	Sum			210.83
	Site Setup, fencing, security & preliminaries	Sum			3,047.21
	Undertake temporary flood retention upstream of the screen (i.e. trash poles etc.) to protect from debris/tree strikes.	Sum			685.51
	Temporary protection screen from the culvert inlet to stop onsite staff/public being washed through the culvert.	Sum			306.35
	Over pumping the site to dry up area	Sum			701.22
	Demolition Work, deconstructing the existing screen and taken back to Sale Depot for recycling. (COVID rules will apply and permissions will need to be acquired prior to entry.	Sum			1,461.87
	Construction of new reinforced concrete structure, wing walls, slabs, steps and civils elements.	Sum			14,321.06
	Supply and Install new steel elements, screen, and tread deck as per Detailed Design.	Sum			9,918.16
	Supply and install new hand railing, mesh and access gates as per Detailed Design and PSRA assessment	Sum			1,919.59
	Reinstate site to original condition or a betterment.	Sum			1,196.30
	Supervision	Sum			10,566.37
					344,610.56

The method and rules used to compile the Price List are

The Framework Price Workbook and the Framework Deed of Agreement.

Scope

1. Description of the works

Give a detailed description of what the *Contractor* is required to do and of any work the *Contractor* is to design.

Scope Of Works for Debris Screen Refurbishment Package 20/21

This scope of works provides the general information for the Debris Screen Refurbishment works 2020/2021 and is to be used as a basic outline for the description of activities expected.

The Package of works consists of 6 debris screens in differing locations that require refurbishment to bring them up to EA operational standards as per updated screen design guidance published in 2019. The Package of screens have already undergone assessment and design in a previous contract and therefore this contract will be for the review of initial drawings for use in construction, amendments to these are necessary for the use in construction and the replacement of the structures as per agreed Detailed Designs.

For further information on specific assets and sites, please refer to Appendices A-E.

Specific activities expected within this project include but are not limited to the following:

- Review of supplied outline Design Drawings and site information.
- Site investigation. The Contractor is to undertake sufficient site investigation in order to satisfy that the site conditions are appropriate for their proposed works.
- Pre-condition photographic surveys of the entire site and copies made available to EA PM.
- Application for an Environmental Permit is to be made by the Contractor.
- Collection of silt samples and associated analysis, for waste clarification purposes. Copies of the reports to be retained on site and issued to the Client in Pdf format.
- The completion and provision of detailed design drawings. Including designers risk assessment and buildability statement. Using the drawings provided by the Client and any additional surveys completed by the Contractor, the Contractor is to ensure that designs are appropriate for the use in construction prior to works commencing. Allow one week within the programme for Client acceptance EA PM in AutoCAD 2014 and PDF formats.
- All necessary Traffic Management requirements to be implemented in accordance with the Contractor's Construction Phase Plan.
- Temporary access into all watercourses via a safe working method.
- Installation of temporary silt traps as required on a site by site basis.

Construction activities.

The Contractor is to undertake the construction of the debris screen to the designs agreed upon in the detailed design phase.

- Dispose of all waste material via a licensed waste carrier. Recycling the waste where possible. Waste transfer tickets to be kept for records.
- Site reinstatement. It is expected that the site will be left in the same condition or better than prior to the works (in comparison with pre-condition photographic surveys), this includes but is not limited to, local roads and/or

fields used via the Contractor to carry out these works. This also includes any landscaping as specified by the Client prior to demobilisation.

- As built drawings provided to the Client in PDF and AutoCAD 2014 formats. Copies of any reports completed to be issued to the Client for the inclusion within the H&S file.
- Attend 2 meetings to be held at Client office or video conferencing due to current COVID restrictions.
- A prestart meeting prior to the commencement of the designs.
- A prestart meeting before the commencement of the construction phase.
- Allow one week maximum within the programme for Client review and acceptance.
- Designer to attend at least 1 site meeting with Client and Contractor for each screen.
- Designer to attend 1 prestart meeting prior to the commencement of the designs.
- The Site will be left in the same condition (in comparison with pre-condition photographic surveys), or better than prior to the works.
- Demobilisation.

Preferred Design specifications

20mm bar thickness minimum for screens with vehicular cleaning.

12mm suitable for manual cleaning, depending on the size of debris from upstream.

2. Drawings

Avenue Street

JBAU-XX –AV-DR-C-0001-A3

JBAU-XX –AV-DR-C-0003-A3

JBAU-XX –AV-DR-C-0004-A3

JBAU-XX –AV-DR-C-0005-A3

JBAU-XX –AV-DR-C-0007-A3

JBAU-XX –AV-DR-C-0008-A3

Spa Road

JBAU-XX –SP-DR-C-0001-A3

JBAU-XX –SP-DR-C-0003-A3

JBAU-XX –SP-DR-C-0008-A3

The Reach

JBAU-XX –RE-DR-C-0001-A3

JBAU-XX –RE-DR-C-0002-A3

JBAU-XX –RE-DR-C-0003-A3

JBAU-XX –RE-DR-C-0004-A3

JBAU-XX –RE-DR-C-0007-A3

JBAU-XX –RE-DR-C-0008-A3

Brighton Grove

JBAU-XX –BR-DR-C-0001-A3

JBAU-XX –BR-DR-C-0003-A3

JBAU-XX –BR-DR-C-0004-A3

JBAU-XX –BR-DR-C-0007-A3

JBAU-XX –BR-DR-C-0008-A3

Alexandra Rd

JBAU-XX –AL-DR-0001-A3

JBAU-XX –AL-DR-0003-A3

JBAU-XX –AL-DR-0007-A3

JBAU-XX –AL-DR-0008-A3
Queens Park
JBAU-XX –JU-DR-0001-A3
JBAU-XX –JU-DR-0003-A3
JBAU-XX –JU-DR-0007-A3
JBAU-XX –JU-DR-0008-A3

3. Specifications

List the specifications which apply to the contract.

Title	Date or Revision	Tick if publicly available
Environment Agency Blockage Management Guide (Gov.uk)	12/2019	yes
Latest Ciria Guidance: Culvert, screen and outfall manual - New CIRIA guidance	12/2019 / 7th Edition	yes
Civil Engineering Specification for the Water Industry	V1	yes
Lot 1 Specification Supplementary clauses	V1	no
Section 3 of Appendix A1 of NEC4 FCRM Operational Framework Lot 1 Specification Supplementary Clauses	V1	yes

4. Constraints on how the *Contractor* Provides the Works

State any constraints on the sequence and timing of work and on the methods and conduct of work including the requirements for any work by the *Client*.

A Principal Designer has been appointed under the CDM Regulations 2015.

The Contractor is not permitted to work on weekends or bank holidays without prior written authorisation from the *Client*.

The *Contractor* shall state in their tender submission all assumptions made relating to access and egress and work activities that are reliant on access agreements. Details of the Land Registry are within **Appendix B**.

A bespoke Environmental Permit will be required from The Environment Agency in order to undertake the works. The Contractor must apply for the permit prior to the work commencing. Application forms can be obtained from direct.gov.uk. The cost of the permit application must be factored into the tender submission.

The Contractor must ensure that appropriate consents/permits including highways permits are granted from the Local Authority and other relevant agencies where required. The associated costs of these applications must be included in the tender response.
The Contractor carries out all preparatory and preliminary works.
The Contractor disposes of all waste off site, unless agreed otherwise with the Client.
The Contractor attends one pre-design commencement meeting at Client offices, Sale or Warrington. Attendance will be required from at least the designer with overall responsibility for the design under this contract, and a member of the construction team with overall responsibility for the whole of the works.
The Contractor attends one design review meeting at Client offices, Sale or Warrington. Attendance will be required from at least the designer with overall responsibility for the design, a member of the construction team with overall responsibility for the whole of the works and the supervisor responsible for constructing the works.
The Contractor attends one pre-construction meeting at Client offices, Sale or Warrington. Attendance will be required from at least the designer with overall responsibility for the design, a member of the construction team with overall responsibility for the whole of the works and the supervisor responsible for constructing the works.
The Contractor must not spread any non-native invasive species whilst removing trees and stumps. Working in contaminated areas must be ordered last to reduce the risk of spreading the species. The waste of which should be left in the working area to reduce risk of spreading. The area should then be cordoned off to avoid contamination.
The Contractor must take pre-cautionary measures when working near the transformer and underground cables adjacent to the embankment.

Working times

The Contractor will be permitted to work between 7.30am and 6.00pm on weekdays (Monday to Friday)

5. Requirements for the programme

State whether a programme is required and, if it is, state what form it is to be in, what information is to be shown on it, when it is to be submitted and when it is to be updated.

State what the use of the works is intended to be at their Completion as defined in clause 11.2(1).

The Contractor submits his programme with the Contractor's Offer for acceptance. The Contractor shows on each programme which he submits for acceptance (in form of Gantt chart, compatible with Microsoft Project 2013, showing the critical path, proposed order and timing to undertake the works and proposed plant and labour resources) the following:

- (a) Period required for mobilisation/ planning & post contract award
- (b) starting date
- (c) Each of the activities listed within the Price List
- (d) Any key third party interfaces: lead in periods for materials and sub-contractors; time required to obtain consents/waste permits; stated constraints; Contractor's risks.
- (e) Completion date

6. Services and other things provided by the Client

Describe what the Client will provide, such as services (including water and electricity) and "free issue" Plant and Materials and equipment.

Item	Date by which it will be provided
Appendix A_Scope	Date of tender issue

Appendix B_ Land Registry	Date of tender issue
Appendix C_ Service Plans	Date of tender issue
Appendix D_ Design Drawings	Date of tender issue
Appendix E_ Flow Data	Date of tender issue

7. Site Information

Grid Run Instruction Manuals for the following Areas will be provided:

Merseyside_M1
 Merseyside_M2
 Merseyside_M3
 Merseyside_M4
 Merseyside_M5
 Cheshire_CW1
 Cheshire_CW2
 Cheshire_CW3
 Cheshire_CW4
 Cheshire_CW5
 South Manchester_SM1
 South Manchester_SM2
 South Manchester_SM3
 DRAFT North Manchester_NM1
 North Manchester_NM2
 DRAFT North Manchester_NM3
 North Manchester_NM4
 North Manchester_NM5
 North Manchester_NM6

Proposed sub-contractors

	Name and address of proposed subcontractor	Nature and extent of work
1.	<p>HWT Solutions Ltd 61 Shrewton Road, Belle Vale, Liverpool, Merseyside, England, L25 2XU</p> <p>Form of Contract: As Main Contract</p>	Design Services

2.	<p>SDS Albion Engineering Ltd 1 Chapels, Goose House Ln, Darwen BB3 0EH</p> <p>Form of Contract: As Main Contract</p>	<p>Fabrication Services</p>
3.	<p>Form of Contract:</p>	
4.	<p>Form of Contract:</p>	