

Environment Agency

NEC4 engineering and construction contract (ECC)

Scope

Project / contract information

Project name	Byfleet Flood Alleviation Scheme
Project 1B1S reference	ENVIMSE500194
Contract reference	28943
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Revision history

Revision date	Summary of changes	Version number
	First issue	V01
30/10/2020	Updated after Contractor's review	V2
04/11/2020	Updated after internal review	V3
18/11/2020	CSM comments addressed	V4
07/12/2020	Final review before issue to delivery partner	V5.1
03/02/2021	Removal of reference to CEEQUAL	V5.2

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 services are to be compliant with the Minimum Technical Requirements.

Document	Document Title	Version No	Issue date
412_13_SD01	Minimum Technical Requirements	9	18/03/2020

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 Scope.

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S 100 Description of the works

S 101 Description of the works

The Byfleet Flood Alleviation Scheme (FAS) is a partnership project between the *Client*, Surrey County Council (SCC), Woking Borough Council (WBC), Thames Water (TWUL) Highways England, Connect Plus and Surrey Wildlife Trust. The project seeks to address the high level of flood risk to Byfleet.

Capita were appointed as design consultants to appraise the scheme and they concluded that a flood defence at Sanway Road is the preferred option for this proposed work. They completed the Outline Business case (OBC) for 1 in 100 +Climate Change Standard of Protection (SoP) in 2019.

The *Client's* Area team have proposed new additional works to this OBC for the study area.

The proposed work is to appraise Byfleet Weir which is a failing asset along with consideration of Bluegates Weir, environmental opportunities work in the area and two fish passes at Byfleet Weir and Broadoak Weir, optimising the current alignment with the compensatory storage area which are the components of the Byfleet Flood Alleviation Scheme (FAS). This work will be undertaken by the *Client's* appointed design consultant which will be the Lot 1 Supplier from the Collaborative Delivery Framework (CDF).

The *Contractor* is required to provide Early Supplier Engagement for the Byfleet FAS project, delivering the requirements of this Scope to take it through to OBC stage.

The *Contractor* is also required to undertake ground investigation works for Byfleet FAS, to provide the relevant information needed for the options appraisal design consultant to undertake appraisal, however this work does not form part of this Scope and will be instructed as a compensation event when required.

S 102 Purpose of the works

In providing the Early Supplier Engagement commission, the *Contractor* shall deliver the following:

1. Buildability and SHEW considerations

The *Contractor* shall:

Provide guidance and advice that the following documents are comprehensive and provide the best information available for the structural investigation and the development of the preferred options, inputting as required, to include suitable assurance for each of the following documents:

- Hazard Plan, Buildability Statement, desktop services searches, Pre-Construction Information Pack, Design Statement, Environmental Action Plan, Construction Method in the Environment Impact Assessment (EIA), Information Delivery Plan, Carbon Reporting

Provide comprehensive advice on proposed options such as the impact of potential relevant permissions and consenting application processes including related programme considerations.

Provide the logistics and practical considerations for the options, preferred option and structural investigations including for the use of supply chain engagement, temporary works, example materials, site compound locations, access constraints, construction logistics, community safety, procurement and sourcing options. Undertaking the structural investigations will be instructed by a compensation event.

Any proposed project solutions shall have appropriately considered the impact on known and unknown services. The *Contractor* shall provide input into Site Investigation scoping including proposals for service location identification to PAS 128, UXO surveys or asbestos demolition / refurbishment surveys as required.

Champion the *Client's* Safety, Health, Environment & Wellbeing Code of Practice and wider sustainability matters, and shall challenge assumptions where applicable.

2. Affordability and Risk Management

The *Contractor* shall:

Identify opportunities and risks, the measures required to mitigate, quantification, and the allocation of residual risk to the party best placed to manage the residual impacts as part of the integrated project risks register.

Support in the identification of project efficiencies through active contribution to the Efficiency Target and in the Efficiency Register.

Provide market relevant advice to support on project whole life costs (and carbon), e.g. compensation exposure for third parties, input into the Pricing Strategy, and setting adequate budgets. This includes providing detailed costing for the preferred option and costing support to the design consultant for the remaining short listed options. A 'Project Estimate Pricing Strategy Meeting' will be required to agree the appropriate method for costing and deliverables required."

Consider where applicable innovation and technology that can be embedded throughout the project, evaluating on a risk and opportunity basis.

Support in ensuring the Project Preferred Option costing is within set tolerances, at the earliest opportunity, including input into funding options where feasible.

3. Programme and project management

The *Contractor* shall:

- Review and report progress of ESE *Contractor* activities to the design consultant monthly throughout this contract. The *Client's Project Manager* shall remain accountable for the programme.

- Provide a monthly forecast and expenditure profile which is in line with the Programme and the *Client's* Gateways (please see 'Programme' section S 500).
- Provide a detailed methodology to support the draft construction element of the Whole Life Programme.
- Provide a project team with the relevant demonstrable knowledge and skills to undertake the work defined in the Scope.
- Maintain weekly verbal contact with the design consultant's Project Manager such that the design consultant is fully informed of progress and issues.
- Attend monthly progress meetings arranged by the design consultant. Meetings shall either be held in the *Client's* local offices or virtually (via MS Teams or similar).
- Attend Site visits as required for project Site familiarisation purposes.
- Attend Project Board meetings as required, to be organised by the *Client*. The design consultant shall provide a project progress update at Project Board meetings as required.
- Work with the design consultant to provide inputs for all required *Client* periodic (monthly / quarterly) project reporting in line with the timescales shown in Table 1. This is to include finances, progress, updated programme (with actual and forecast progress), lessons learned log, efficiencies, carbon and a register of risks, assumptions, issues and dependencies. The monthly project report shall be timely and accurate with 0 errors at the point of circulation to the *Client*.
- Work with the *Client* to provide a monthly financial report. This will include a breakdown of all expenditure to date and forecast future expenditure. In addition, this will identify and provide an estimated valuation of all outstanding compensation events and an estimated value to completion. The contract information held on Asite / Fastdraft does not constitute completion of this task. The finances shall be checked and correct with 0 errors at the time of circulation to the *Client*.

Table 1: Table of timescales for outputs:

Required notice or response period	Activity / Output
10 working days	Review of documents by NEAS and other <i>Client's</i> consultees
10 working days	Site visits, Stakeholder consultation invitation
The 4th or nearest working day of the month	Expenditure forecast
1 st Friday or nearest working day of the month	Progress report
1 st Friday or nearest working day of the month	Programme
End of the 2 nd month of the quarter or nearest working day	Efficiency register
5 working days	Prepare and issue reports and information before meetings / workshops / circulate minutes from meetings

4. Contract Documentation

The *Contractor* shall review the adequacy and clarity of all documents required for any contracts covering intrusive investigation works and detailed design, all developed in accordance with the agreed Pricing Strategy.

5. Structural investigations

If instructed by the *Client* under a compensation event, the *Contractor* shall undertake structural investigations identified as necessary by the design consultant for appraisal.

6. Services Required

Cost and carbon support

The *Contractor* shall provide support for estimations of cost and carbon for potential solution(s), which will be prepared based upon the information collated to date and operational experience. At this stage the focus is on the scale and timing of possible costs to be used by the *Client* to review the project mandate and aid planning. This should include solution socio environmental mitigation and enhancement costs and an allowance for risk. This estimate should identify the extent of validity of the Project Cost Tool (PCT) and potential risks of variance to the PCT.

Ground Investigation

The design consultant has developed the scope for the ground investigation in the earlier phase of the programme (Appendix 4). The design consultant will also review previous reports to identify gaps in existing data. The design consultant shall use this to inform the scope of supplementary ground investigations required to allow proper progression of the appraisal, design and construction methodology. The design consultant shall clearly communicate the technical specifications for these further ground investigations to the *Contractor* for the *Contractor* to undertake. The *Contractor* will need to fully comply with the technical specifications provided by the design consultant to undertake ground investigation.

The ground investigation costs will not be included in the Target Cost. Costs will be included as a compensation event.

The *Contractor* shall undertake Ground Penetrating Radar (GPR) survey of the area where invasive work is proposed and also acquire up to date utilities data as a part of CDM (2015) Regulations before starting any GI work.

Stakeholder Engagement

The *Contractor* will liaise with key stakeholders such as Highways England, National Grid and the land owners.

The *Contractor* shall engage with National Grid and the design consultant to agree the approach to working in the vicinity of the overhead powerlines. The initial methodology has been agreed with National Grid but this will need to be updated as a part of the appraisal work once the preferred option is identified.

The *Contractor* shall liaise with Highways England on the issues associated with the proposed flood defence at the M25 interface.

During the GI work the *Client's* Estates team will provide access and permissions to the Site area but the *Contractor* shall be responsible for managing stakeholders on site while the work is carried out.

The *Contractor* shall investigate the availability of suitable low permeability materials locally, with which to build the embankment and shall seek to reuse as much material as practical.

I. Key Outputs

The *Contractor* shall work with the design consultant to use the result of the GI to develop the outline design, considering aspects such as whether e.g. cut offs are required under the structures, and if not, given the material and soil conditions, whether savings could be achieved. The type and condition of soils at the areas identified for compensation of lost floodplain volumes would need to be investigated as well, to confirm these are suitable for storage and that the design can be progressed appropriately.

The *Contractor* shall attend a Site visit to identify access requirements, physical constraints, easement requirements, required working areas, compound areas.

The *Contractor* shall:

Undertake a review of outline design options / drawings that are to form part of the pricing information – including consideration of whether or not sufficient information is available for the design consultant pricing the schemes, as well as identification and advice on buildability, construction methods, SHE compliance, etc.

Undertake a review of the high-level programme and input into activities, durations and sequence including consideration of the following:

- can works be planned around seasons (e.g. earthworks in the summer months)
- identification of long lead items
- ecological constraints
- third party constraints
- consents
- robust delivery durations considering risk
- early identification of programme constraints that could prevent a scheme from starting or completing as planned.

Familiarise themselves with the design consultant's task list (Appendix 2) for the appraisal work in advance of the works pricing, to ensure sufficiency of resources and time.

Undertake a review of the draft investigations – and provide assurance that there is sufficient information available for the design consultant pricing the scheme.

Undertake a review of draft Site Information - Assess whether sufficient information is available for the design consultant to price the project. If gaps are identified, assess whether there is value in closing the gaps.

Undertake a review of the draft temporary works schedule. Identify any significant temporary works designs that need to be considered from a CDM perspective in advance of the works pricing, to ensure sufficiency of resources and time.

Provide information for the carbon tool.

Contribute to specialist areas of the high level cost estimate against a defined scope as requested by the *Client's* project team. Provide assurance to ensure that a suitable risk pot is in place considering the stage of the project.

Input into a project level risk register that can be communicated to the design consultant at the time of works pricing and updated regularly throughout the life of the project.

Input into the queries log for response by both the design consultant and the *Contractor* to record how issues identified have been incorporated into the project going forward.

Ensure the works project scope and importantly either business case or works information has no gaps and can be fully communicated including risk.

Ensure end user engagement to set the scene for future delivery in terms of solution expectation, ongoing management of assets or asset performance and present a way of delivery that can be achieved.

7. Requirements of the programme

The *Contractor* shall provide input into the design consultant's programme as described in section 3.

The design consultant has prepared the contract programme for delivering Appraisal work (Appendix 2). The *Contractor's* programme shall be in line with the design consultant's programme.

8. Services and other things provided by the *Client*

8.1 Data and information management and intellectual property rights

All of the data listed as being supplied to the *Contractor* as part of this study remains the IP of the *Client*.

8.2 Data custodianship

The data custodian for project deliverables from this commission will be the *Client's* Surrey PSO team.

8.3 Licensing information

Licences for LiDAR Data, Ordnance Survey mapping, model, survey, hydrometric and historical data will be provided to the *Contractor* upon award of this commission.

8.4 Data management and metadata

The *Client* populates a metadata database called the information asset register (IAR). It is a requirement that all information produced by modelling work is appropriately tagged with metadata. The *Client* will supply an IAR spreadsheet (and any supplementary local metadata requirements if appropriate) where all relevant metadata can be recorded and handed over on project completion.

8.5 Data security

All model and survey information will be provided to the *Contractor* in an encrypted format (using WinZip 128 bit encryption) according to the *Client's* data security policy. It is expected that once the commission is completed, all the original data sent to the *Contractor* which is classed as commercially sensitive, is returned in an encrypted format using WinZip 128 bit encryption.

Project deliverables such as model files, survey data or anything of a personal nature such as questionnaires or address data must also be returned in an encrypted format using WinZip 128 bit encryption.

Further details regarding security measures will be discussed at the start-up meeting for this commission.

8.6 *Client's* Advisors

The *Client* has a number of advisory departments. Instructions will only be deemed enacted from them when they are confirmed by an Instruction from the *Client's Project Manager*. These departments include Area, NEAS, FBG etc.

8.7 *Client* Documents the *Contractor* contributes to

The *Client* owns and maintains several project documents to which the *Contractor* is required to contribute:

- Project Risk Register
- Project Efficiency Register

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

S 201 General constraints

Please note: Currently only visual structural surveys are proposed by the design consultant for the appraisal work. In the event of the detailed structural investigations being added to the *works* the *Client* will advise the *Contractor* of additional known constraints accordingly.

The *Contractor* shall take into account the following constraints in delivering the *works*:

- No access to private property is to be made by the *Contractor* without written *Client* approval and/or formal issue and serving of Notice/s of Entry
- It is essential to ensure that invasive species are not introduced or spread if found to be present on site
- Any temporary works must be able to continue water management to meet the requirements of the Water Level Management Plan and the Flood Risk Activity Permit
- There are livestock present in fields adjacent to Byfleet Weir, to whom the farmers / keepers require constant access
- There are narrow access roads leading to the Byfleet Weir Site and the main existing access is through a private road
- There is a 6-tonne weight limit on the bridge at Bluegate Weir which is used to access Byfleet Weir. There is no other access road to this weir
- Any outcomes of a Habitat Regulations assessment or other environmental restrictions due to work being undertaken in a protected site will need to be followed at all stages of the project
- There are overhead high voltage power cables in the open field near the proposed defence site.

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 Security and protection on the Site

The *Contractor* shall keep the public fully informed of the *works* and of the dangers present on site. The *Contractor* shall keep the local community informed of programmed activities and potential disturbances.

The *Contractor* is responsible for the security of the Working Areas, areas of occupation, Site offices, Site yard and any other areas deemed necessary by the *Contractor*.

S 204 Security and identification of people

Security requirements are to be determined by the *Contractor*.

S 205 Protection of existing structures and services

Up-to-date information on existing services located on, or adjacent to, the Site shall be obtained by the *Contractor* within one month prior to starting construction related activities.

The *Contractor* shall liaise with all relevant Statutory Undertakers, the Highway Authority and other owners of apparatus before commencing any excavations, and shall undertake in situ investigations to confirm the locations of the statutory authority services identified in the Site Information, identify any other services that have not been identified, and identify any privately owned services within and adjacent to the Working Areas, compound areas and accesses.

The *Contractor* shall agree trial hole locations and number of trial holes with utility providers prior to the start of *works*.

Should any leakages or damage to existing services, highways or apparatus be discovered, the *Contractor* shall, at once, notify the *Project Manager* and the Statutory Undertaker, Highways Authority or owner concerned, as appropriate, and the *Contractor* shall afford every facility for the repair or replacement of the apparatus affected.

The *Contractor* shall arrange (including obtaining any necessary permissions, notices, licences or consents) and undertake any diversion if required for the work.

S 206 Protection of the works

The *Contractor* shall be responsible for the repair of any damage to the *works* due to the fault of the *Contractor* or their supply chain, and shall put such damage right at their own cost to the satisfaction of the *Supervisor*.

S 207 Cleanliness of the roads

The *Contractor* shall ensure that the Site, including all access roads and footpaths, is well maintained and shall ensure that vehicles exiting the Site do not carry dirt or debris onto the public highway, footpaths or onto private access roads.

The *Contractor* shall protect the condition of the access roads, footpaths, entrances, public highways and the site compound during the *works* and shall be responsible for any damage caused by the *Contractor's* activities.

S 208 Traffic Management

The *Contractor* shall be responsible for traffic safety and management, including obtaining road closure, opening, or traffic signals consents, and shall nominate one of their site staff to be responsible for all related activities whenever required.

The *Contractor* shall arrange all necessary permissions, notices and licences for any temporary closures or diversions with the appropriate authority.

The *Contractor* shall arrange all necessary temporary traffic control measures and maintain them in good working order and condition at all times, re-positioning, covering or removing them as necessary to provide the *works*.

S 209 Condition survey

The *Contractor* shall perform pre-works photographic condition surveys of all Working Areas, access routes, compounds, adjacent buildings, trees, vegetation and lands to ensure that they are returned to an equal or better condition post-works.

S 210 Consideration of Others

Contractor shall take all reasonable measures to protect adjacent properties and structures. Contractor to take risk for any damage caused by negligence.

The *works* shall be executed in a manner such that the disruption to local residents, landowner, businesses and the general public are kept to a minimum.

The *Contractor* shall ensure that no Site related activities shall block or restrict access to or egress from residential properties, farm land, common land or businesses unless agreed with the parties affected.

Should it become impractical to maintain vehicular access to any property, apparatus or service at any time during the construction of the *works*, the *Contractor* shall provide and maintain alternative arrangements. The *Contractor* shall also provide assistance to the owner/occupier or tenant affected by the *works* to enable them to undertake all aspects of their normal activity.

The *Contractor* shall keep noise levels to a minimum. All working methods proposed by the *Contractor* shall be in accordance with HSE Guidance Leaflet INDG362 "Noise at Works – Guidance for *Employers* on the Control of Noise at Work Regulations 2005".

S 211 Control of Site personnel

All people working on Site shall hold a suitable CSCS card, or equivalent. Anyone visiting the Site who does not hold a suitable CSCS card, or equivalent, shall be accompanied by a suitably qualified member of the *Contractor's* staff.

S 212 Site cleanliness

The *Contractor* shall maintain the Site in a clean, safe and tidy condition clear of debris.

S 213 Waste materials

The *Contractor* shall apply best practice regarding materials handling, waste minimisation and waste recycling on-site. Investigate availability of suitable low permeability materials locally, to build the embankment and seek to reuse as much material as practical.

The *Contractor* shall also investigate the suitability of excavated topsoil from the Common Meadows to re-use for the construction of the embankment.

S 214 Deleterious and hazardous materials

If during Site *works* contamination is encountered on site, which has not previously been identified, Site investigation will be carried out to the area before restarting works. Recommendations for remediation will be submitted to and approved by the *Supervisor* two weeks before requesting approval in writing by the Woking Borough Council's Environmental Health Service.

All arising shall be either (1) treated on site to render them suitable for reuse within the *works* or (2) removed off site by the *Contractor* to a suitable licensed waste treatment

facility or (3) removed to other licensed site for treatment. This process shall be agreed with the *Supervisor* and shall be an Employers risk.

The *Contractor shall be* responsible for obtaining and maintaining all necessary licences, permits and consents for these processes (e.g. Environmental Permits (former Waste Management Licences), Exemptions or (in certain instances) compliance with industry protocols agreed with the Regulators such as *the* Definition of Waste: Development Industry Code of Practice version 2 (CL:AIRE, 2011). This may include for treatment (including dewatering) of dredged material within the Site.

S 300 Contractor's design – Not Used

S 400 Completion

S 401 Completion definition

This Contract will be completed on the *Client's* confirmation of the project's Outline Business Case approval.

S 402 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 500 Programme

S 501 Programme requirements

As per NEC core clauses.

S 502 Programme arrangement

As per NEC core clauses.

The *Contractor* shall work with the design consultant, who are appointed to do appraisal work.

The design consultant has prepared the contract programme for delivering Appraisal work (Appendix 3). The *Contractor's* programme shall be in line with the design consultant's programme.

S 503 Methodology statement

As per NEC core clauses.

Method Statements shall be submitted, to the *Client* / design consultant two weeks in advance of the associated activities taking place. The statements shall be referenced in the programmes submitted for acceptance to the *Project Manager*.

A schedule of method statements and risk assessments as set out in the Environment Agency Operational Instruction 300_10_SD06 Works Information: method statements and health and safety is included with each updated programme. This schedule includes items relating to both the temporary and permanent *works*.

S 504 Work of the *Client* and Others

As per NEC core clauses.

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 S 901 and S 902.

S 505 Information required

Not Used

S 506 Revised programme

As per NEC core clauses.

Further to the requirements of Clause 32, the *Contractor* shall provide a brief explanation of changes to each programme activity, sufficient to enable the *Project Manager* and *Client* to understand the cause and impact of the change.

In addition to the monthly revision, the *Contractor* shall revise and reissue the programme with every compensation event.

The *Contractor* shall submit their revised programmes for acceptance five working days in advance of scheduled monthly progress meetings.

S 600 Quality management

S 601 Samples

In the event of additional work being added to the Scope the *Client* will advise the *Contractor* accordingly.

S 602 Quality Statement

As per the Minimum Technical Requirements stated.

S 603 Quality management system

The *Contractor* shall operate a Quality Management System complying with BS EN ISO 9002. The *Contractor* shall describe the Quality Management System in a Quality Plan, which shall be provided to the *Project Manager* for acceptance within 28 calendar days of the Contract Date.

S 604 BIM requirements

The BIM Information Manager is the *Client's Project Manager*.

The *Contractor* shall comply with the Collaborative Delivery Framework requirements and ensure that the project outputs are compliant with the BIM Employers Information Requirements 2.3.

S 700 Tests and inspections

Not used

S 800 Management of the works

All administrative communication between the Parties shall be directed through the *Client's Project Manager* and the *Contractor's* appointed representative.

S 801 Project team – Others

The *Contractor* shall provide the list of key personnel working on this commission as a part of the Contract Data.

S 802 Communications

The *Contractor* shall use monthly communication procedures which are listed in Section 1.25 of the *Client's* Minimum Technical Requirements.

Fastdraft shall be used for all Contract Communications.

The *Client's Service Manager*, whose details are as found on Fastdraft, shall be used to manage the procedures of the contract.

The *Contractor* shall attend monthly progress meetings. Meetings shall be held either at the *Client's* office or virtually due to the current COVID -19 situation and shall be chaired by the *Project Manager* who shall provide an agenda and minute the meeting.

The *Contractor* shall notify the *Project Manager* and the *Client* within 24 hours of any accidents on site.

A near misses report shall be provided within 7 days to the *Project Manager*.

S 900 Working with the *Client* and Others

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

The *Contractor* will need to liaise with landowners in and adjacent to the working areas in conjunction with the *Client's* Estates team and the *Client's* P & SO team.

S 902 Co-operation

The *Contractor* is required to co-operate with others in obtaining and providing information which they need in connection with the *works*.

The *Contractor* will co-operate and liaise with landowners in conjunction with the *Client's* Estates team.

S 903 Co-ordination

The *Contractor* will liaise with and work in conjunction with the *Project Manager* and *Client's* Estates team to co-ordinate operations and work on private land with the landowner and tenants.

S 904 Authorities and utilities providers

The *Contractor* shall be responsible for obtaining up to date service information and to meet key service providers on site (if required).

The *Contractor* shall be responsible for arranging, managing and allowing for the costs of all of the appropriate Highway Authority consents and road/footpath closures that may be required.

The *Contractor* shall agree and manage all works by utility providers necessary for the *works*. Refer to WI 206 for further details.

The *Contractor* shall agree and manage the protection and any temporary diversion of services necessary to accommodate working methods in this area.

The *Contractor* is responsible for liaison with utilities providers for the protection and any necessary isolation of services to facilitate access or working methods to tie in with their proposed programme of works.

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

In delivering the *works*, the *Contractor* shall consider the following and document how they are addressed on this contract:

- **Public:** how to effectively engage with, and how they perceive us, the diverse public throughout projects?
- **Project team:** how to create an inclusive environment for our project team?
- **Framework:** identify opportunities to support diverse workforces on our projects across our organisations.

S 1000 Services and other things to be provided

Ground Investigation

The ground investigation scope is already developed by the design consultant (Appendix - 4)

- The *Contractor* is required to communicate with the design consultant and undertake ground investigations as specified by the design consultant to allow proper progression of appraisal and design.
- The *Contractor* is required to clearly communicate the specifications for ground investigations as identified above to the site investigation sub-contractor (if they are not undertaking these investigations themselves).
- The *Contractor* is required to clearly communicate the relevant results of ground investigations back to the design consultant.

S 1100 Health and safety

The *Contractor* shall comply with the requirements of the Minimum Technical Requirements (appended) and the *Client's* SHEW Code of Practice in the undertaking of the invasive works.

The *Contractor's* Construction Phase Health and Safety Plan shall detail how construction flood risk, mitigation and management of evacuation procedures are dealt with in the eventuality of a flood event during construction.

S 1200 Subcontracting

S 1201 Restrictions or requirements for subcontracting

The *Contractor* submits their proposed procurement procedure to the *Project Manager* for acceptance. The procedure is not accepted if it:

- does not follow best practice principles;
- conflicts with the need to ensure transparency in the disbursement of public funds; or does not meet requirements stated in this contract

1202 Acceptance procedures

As described in sub-clause 26.3 of the ECC contract.

S 1300 Title

Not used

S 1400 Acceptance and Procurement Procedure

Not used

S 1500 Accounts and records (Options C and E)

In the event of additional work being added to the Scope the *Client* will advise the *Contractor* accordingly.

S 1600 – Not Used

S 1700 *Client's* work specifications and drawings

S 1701 *Client's* work specification

In the event of additional work being added to the Scope the *Client* will advise the *Contractor* accordingly.

S 1702 Drawings

In the event of additional work being added to the Scope the *Client* will advise the *Contractor* accordingly.

S 1703 Standards the *Contractor* shall comply with

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

Ref	Report Name	Where used
	Project Cost Tool	Costs
	Sustainability Measures Form	
	Timber Policy Documents	
	300_10 SHE handbook for managing capital projects	Throughout
	300_10_SD27 SHE Code of Practice	Throughout
OI 120_16	Whole-life Carbon Planning Tool	

Appendix 1 BIM Protocol – Information Production and Delivery Table



Information
Delivery Plan IMSE500194

<http://www.pow.bim4.info/?ref=IMSE500194>

Appendix 2 - Design Consultant's Task list



Byfleet FAS Option
C Task List V3.xlsx

Appendix 3 Design Consultant's programme



Sanway-Byfleet FAS
Programme_Rev1.0.pdf

Appendix 4 Ground Investigation Scope (Available on Asite)

[ENVIMSE500194-JAC-ZZ-00-TN-GT-0001-S3-P02-A0800-EA3-LOD3-Outline GI Scope.pdf](#)