

Environment Agency

NEC4 engineering and construction contract (ECC) Scope

Project / contract information

Project name	Cockett Wick Sea Wall Defences
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Author	

Revision history

Revision date	Summary of changes	Version number
15 June 22	First issue	0
22 July 22	Bam & DgC comments incorporated	0.1
27 Oct 22	Additional Bam & DgC comments incorporated. Jacobs comments included	0.2
05 Jan 23	Comments from all parties included/Drawing & document refs Updated	1
06 Mar 23	Change to early procurement	1.3
31 Mar 23	Clean document after additional consultations	2
20 April 23	Scope amended to align with new contract tool issued on 1/4/23 incl Changes to front sheet, S2015 Carbon added, S304 two additions to the list of design criteria, S507 Monthly reports added, S1210 Procurement of subcontractors added, S1502 Application for Payment / Invoice added, S1703 Standards the <i>Contractor</i> shall comply with added, Appendix G revisions to standard wording	2.1
02 May 23	Contract Award	3.1

customer service line
03708 506 506
www.environment-agency.gov.uk

incident hotline
0800 80 70 60

floodline
0845 988 1188

This Scope shall be read in conjunction with the version of the Minimum Technical Requirements and Employer Information Requirements current at the Contract Date. In the event of conflict, this Scope shall prevail. The service is to be compliant with the following version of the Minimum Technical Requirements and Employer Information requirements:

Document	Document Title	Version No	Issue date
LIT 13258 04/05/2021	Minimum Technical Requirements	12.0	12/12/2021
LIT 17641	Employer Information Requirements	V03	20 Dec 2022



Part 2: Non-returnable Documents

NEC4 ECC

Scope

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S 100 Description of the Works

S 101 Background

The Cockett Wick frontage is situated to the south-west of Clacton, on the Tendring Peninsula in Essex. The site is located at the western end of Jaywick, neighbouring Seawick.

The project scope includes the construction of a new sea wall along the line of the current sea wall (approximately 330m) and reinforcement of the seaward revetment is proposed to improve the Standard of Protection from tidal flooding and to reduce the risk of breach of the sea wall. The current Standard of Protection of the sea wall is 5% Annual Exceedance Probability (AEP). Without refurbishment works the sea wall is expected to breach within 10 years.

Analysis of Environment Agency LiDAR data and other survey data shows that nearly all of the land and properties including the Martello Beach Holiday Park and Martello Tower within the Jaywick flood cell behind the sea wall are below the Mean High Water Springs (MHWS) tidal estimate for 2021. This indicates that all of these properties would be highly likely to be at risk from tidal flooding should a breach of the sea wall occur.

There are approximately 3093 residential properties, 80 commercial properties, 452 park homes within the Martello Beach Holiday Park and the Jaywick Martello Tower Scheduled Monument currently afforded tidal flood protection by the Cockett Wick sea wall. All have a footprint ground level below the MHWS level of 2.2mODN.

Jaywick sits in the 0 - 20% most deprived areas and is ranked as the most deprived area of the UK.

S 102 Description of the works

The contract shall be delivered in two phases to mitigate the risks associated with the availability of materials and specialist plant. The ESE contract shall be used to secure the deposits for advanced procurement of long lead items including rock and recycled steel casings (for piles) and agreed enabling activities. Phase 1 will allow pre construction planning and site surveys to take place.

For the avoidance of doubt, the *Client* may, at its sole discretion, add the 'Phase 2' works to the contract for Phase 1 as an additional section, through a Compensation Event (CE), provided that the parties have agreed the adjustment to the Target Price (including any associated changes to the programme and risk profile) in accordance with the Framework client set target (CST process). One criteria the *Client* shall use in determining this will be whether the *Contractor* achieves the sectional completion date for Phase 1. The scope of works for the construction phase is as follows:

Phase 1 Enabling activities, incl.:

1. The balance of the purchase price for the rock and steel pile casings will be instructed as a compensation event as required to enable secured delivery dates and supply in accordance with the design requirements (ref Appendix A)
2. Procurement of other suppliers but not placing orders
3. Pre-construction documentation
4. Licences/permits
5. Temporary works design
6. Ecological mitigation (the full extent of the mitigation works is under development with Natural England and will be confirmed and priced as a CE).

7. Site surveys: noise survey (if required, will be confirmed and priced as a CE), condition survey
8. 1st Programme for Acceptance
9. Contract Admin: weekly mtgs, months progress meetings & reports, programme updates
10. Completion of the extended GPR survey, procurement and arrangement of the UXO & CPT survey (the full extent of the survey work will be confirmed and priced as a CE).

The management of *Works* in Phase 1 includes:

- a. Procurement of subcontractors that the *Contractor* needs to deliver Phase 1 of the project
- b. Procurement of subcontractors that the *Contractor* needs to deliver Phase 2 of the project up to, but not including, placing supplier orders for their works.
- c. Off-site audit, compliance checks on advance procured materials (as detailed in the rock & piling specification).
- d. Production of Documentation necessary for construction works including but not limited to: Construction Phase Plan, RAMS, Site layout plan, Traffic Management Plan, Asbestos Management Plan, Site Waste Management Plan, Inspection Test Plan for materials, First Programme for Acceptance (S501), BIM Execution Plan, Master Information Delivery Plan Documents shall be updated prior to commencement Methodology statement (S503)
- e. Support the EA with submitting necessary Permits & licences for the *works* including but not limited to: FRAP application, Public Right of Way (PROW) diversion application, contact appropriate utility services (as required). Associated fees for those permits and licences will be treated as compensation events
- f. Temporary works designs
- g. Commercial assessments, applications, forecasts.
- h. Support the *Client* with the completion of an additional GPR survey. This survey will cover the site boundary identified in Jacobs drawing ENV0001929C JAC ZZ 00-DR C 1001 S3 P02-B1300-EA3 LOD3-General Arrangement pdf (The area is around 32,000 square metres tbc) and includes the site access, compound, working areas, public access and landscaping areas. The data shall be shared with the *Consultant* for inclusion in the Pre-Construction information pack (PCI).

Phase 2 Construction Phase works for information only

11. Temporary access and path diversion works.
12. Temporary works
13. Removal and disposal of existing footpath
14. Demolition works, if required
15. Construction of wall foundations incl. piles
16. Construction of reinforced Concrete-wall
17. Construction of rock revetment
18. Interfaces with existing structures
19. Ancillary works (incl Fencing & handrailing and landscaping/other)
20. Health & Safety File input into *Client* led H&S file
21. Contract admin
22. Handover of Works

The locations and extents of the *works* are shown in the drawings included in Appendix A.

S 103 Purpose of the *works* and outcome required

The purpose of the project is to construct new sea defences The specific objectives are:

- To support the delivery of the capital 6-year programme;
- The provision of a new seawall and rock revetment to an increased SOP to better protect the local community;
- To deliver 1201 OM2's;
- To appropriately engage the local community and raise awareness of the project and its purpose;

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

S 201 General constraints

In providing the *works* the *Contractor* shall take account of the following constraints

The *Contractor* shall carry out the *works* in accordance with the *Client's* Minimum Technical Requirements (MTR) for NEC contracts (Refer to Appendix B), and this Scope. The MTR refer to and provide amendments to the 'Civil Engineering Specification for the Water Industry, 7th Edition', (CESW17) published by the UK Water Industry Research Ltd in 2011.

The *Contractor* shall not commence construction on Site without prior written approval from the *Client*, undertaking the CDM Client role, and advised by the CDM Principal Designer, which depends on signing off of the Pre-Construction Management Tool (PCMT) and the Construction Phase Plan (CPP).

The *Contractor* shall comply with the requirements of all necessary consents, (including, but not limited to; Planning conditions, Marine Management Organisation (MMO) licence, Flood Risk Activity Permits (FRAPs), Site Waste Management Plan, and Traffic Management).

The *Contractor* shall liaise with and work in conjunction with the *Client* to co-ordinate operations and work on private land with the landowner and tenants.

Access to the site by the *Client's* operational staff is required from time to time. The *Contractor* shall ensure that the *Client* is able to access the Site when required for operational purposes or in the case of an emergency

The *Contractor* shall sign up to the *Client's* free flood warning system. The Environment Agency Floodline number is 0845 988 1188 and National Incident Communication Service is 0800 80 70 60

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 *works* only with the *Client's* written permission.

S 203 Security and protection on the site

The *Contractor* does not enter or use the Site for any purpose not connected with the *works*

The *Contractor* is responsible for the security of the Site including all plant and materials during construction.

The *Contractor* shall notify the *Project Manager* 4 weeks in advance of their intention to first enter or occupy each area of ownership or occupation within the Site or as agreed with the *Client* in writing. The *Client* in turn shall alert each landowner of the *Contractor's* impending first entry or possession of their land by serving Notice of Entry a minimum of 10 working days prior to entry to ensure delivery.

The *Contractor* must give 4 weeks notice to the *Client* to gain entry to the Site for the period between Completion of the whole of the *works* and the *defects date*, unless the correction of the Defect

needs to be done more urgently. The *Client* shall seek landowner permission for access on behalf of the *Contractor*. The *Contractor* must not approach the landowner directly unless authorised to do so by the *Client*.

Copies of formal entry notices, details of particular agreements with landowners and/or powers of entry will be made available to the *Contractor* by the *Client* 7 working days in advance of the confirmed access date.

The *Contractor* shall not enter any part of the Site until the access date of that part of the Site is shown on the Accepted Programme. The *Contractor* may enter any part of the Site earlier than the access date if given authority to do so by the *Project Manager*, provided that a formal Notice of Entry from the *Client's* Estates team has been served and the *Client* has confirmed agreement with the *Project Manager*.

S 204 Security and identification of people

The *Contractor* is responsible for the security of the Site and for vehicles and pedestrians entering and leaving the Site. Security measures shall include ensuring that the *Contractor's* personnel are easily identifiable. This shall include the wearing of *Contractor's* PPE/high visibility clothing in accordance to the *Client's* latest SHEW CoP as a minimum.

The *Contractor* ensures that the Site is left properly secured at the end of each working day.

The *Contractor's*, *Project Manager's*, and *Client's* staff shall share facilities as much as possible to maintain a team approach to project delivery. Specifically for Phase 2, the *Contractor* shall provide:

1. Shared, fully serviced, office accommodation for the duration of the project in a temporary site office and provide facilities as detailed in the S 1000.
2. Wi-Fi facilities suitable for use by both the *Contractor* and the *Client*.

The *Client* shall supply three signboards for Phase 2 works, one to be located in the site compound and the other two at the east and west entrance points from [REDACTED] and [REDACTED]. The *Contractor* shall install these signboards on site.

The *Contractor* does not erect any other signboards without the written consent of the *Project Manager*.

S 205 Protection of existing structures and services

As part of the Phase 1 scope there is a requirement to complete a further GPR survey to extend the coverage of the GPR survey completed for the Ground Investigation. This information will be shared with the *Consultant* and incorporated into the PCI pack.

Referring to the PCI for the location of existing structures and services to be protected. Particularly, the *Contractor* shall refer to the Utility Search information. The *Contractor* is responsible for reviewing the utility search information and take the necessary action to ensure the information is up to date prior to commencement of works on site. A GPR survey shall be carried out by the *Contractor* prior to commencement of construction works.

The *Contractor* shall take care to avoid disturbance and damage to existing features and assets, including: roads, footpaths, habitats, private property, street furniture, services, signage,

embankments, flood walls, outfalls, land, trees and boundary structures. The *Contractor* shall have in place methodologies for dealing with such risks prior to commencing *works* on Site. These methodologies shall be accepted by the *Project Manager* prior to the commencement of work and all agreed measures shall be installed as early as practicable as part of the site mobilisation period.

If any damage occurs, the *Contractor* shall immediately inform the *Project Manager*, *Client* and the Statutory Undertaker, Highway or Roads Authority or owner concerned as appropriate. The *Contractor* is responsible for repairing or replacing and safe storage of the affected apparatus.

Any services found by the *Contractor* shall be identified and recorded in the Health and Safety File.

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

The *Contractor* shall comply fully with the requirements of the relevant statutory authority when working in the vicinity of their apparatus, both for the permanent and temporary works.

The *Contractor* shall replace any fencing that they are permitted to remove and repair any fencing or gates that may be damaged as a result of their operations to the higher standard of pre works condition or the minimum requirements of the MTR (section 2.89). The location of any fences and gates to be removed and replaced under the contract shall be recorded by the *Contractor* on the drawings.

Debris burning shall not be permitted under any circumstances without prior written acceptance from the *Project Manager*.

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

The *Contractor* shall protect known environmental features listed in the Environmental Action Plan (EAP) and environmental surveys that might potentially be affected by the scheme during the construction and operational phases. Protection measures must be agreed with the *Client* and *Project Manager*.

S 206 Protection of the works

The *Contractor* shall be responsible at all times for protecting the *works*, material, plant and equipment liable to damage either by the weather or by the method used for carrying out the construction works. Damage attributable to the *Contractor's* activities shall be determined by the *Project Manager* and remedied by the *Contractor*. The cost of making good any damage shall be met by the *Contractor*.

S 207 Cleanliness of the roads

The *Contractor* shall take all reasonable steps to minimise dust and mud being deposited on public and private roads during the construction of the *works* and undertake cleaning of public and private roads if necessary prior to completion in accordance with the MTR.

S 208 Traffic Management

The *Contractor* is responsible for traffic safety and management, including obtaining all approvals, e.g. road closure, opening, or traffic signals consents, and nominates one of their site staff to be responsible for all related activities. Before any work in, or affecting the use of, any highway or road is commenced, the *Contractor's* proposed method of working, including any special traffic requirements, is agreed with and confirmed in writing to, the *Project Manager*, and all relevant authorities

Traffic movement to and from the Site is to be the minimum necessary and delivery and removal of Materials and Equipment shall avoid peak traffic hours. The *Contractor* shall endeavour to programme heavy goods vehicle (HGV) deliveries and movement outside of peak times, (08.00 to 09.00) and (15.30 to 17.00)

The *Contractor* shall produce a Traffic Management Plan to be submitted to the *Project Manager* prior to commencement of the *works*. The Traffic Management Plan is to include, but is not limited to, the following:

- Access routes to be taken by heavy vehicles, noting any height or weight restrictions;
- Structural assessment of any weak crossings/culvert/bridges which need to be crossed;
- Details for keeping roads clear of dust and mud;
- Timings for heavy load movements;
- Vehicular routing;
- Parking areas;
- Pedestrian walkways around the Site;
- Storage areas;
- Timetable for removal of site compound equipment; and
- Timings of heavy pedestrian presence (such as school opening and closure times)
- In areas of the Site up to the public highway and the interface between the Site and the public highway where conflict between members of the public and the site plan could occur, all plant shall have a banksman to the front and rear during moving operations
- Access for the EA Field Team to carry out their duties at any time

The *Contractor* co-operates with the relevant authorities concerning works in, or access to, the highway. The *Contractor* informs the *Project Manager* of any requirements or arrangements made with the relevant authorities.

The *Contractor* shall provide adequate parking for site based personnel within the site boundary. No parking is allowed outside these areas, such as in nearby residential streets which have a permit parking scheme, unless the *Contractor* enters into specific agreements with landowners and/or Authorities. The *Client* and *Project Manager* are to be informed of this intention beforehand and confirmation is to be provided by the *Project Manager* before any agreement is reached.

S 209 Condition survey

The *Contractor* shall take a photographic record of the pre-condition of all access roads, site entry points, compound / storage areas and the site. This shall be on the day that they take possession of the Site.

The *Contractor* shall make a note of any existing damage and bring this to the attention of the landowner or tenant and the *Client*, and shall ensure that the precise location and condition of property boundaries that are to be removed during the *works* is recorded. The *Contractor* shall provide a copy of the condition survey to the *Project Manager*.

The *Contractor* shall repeat the condition survey on completion of the *works* and provide a copy to the *Project Manager* in the same format as the pre-starting condition surveys no later than two weeks after Completion.

The *Contractor* shall remedy damage attributable to their activities. The cost of making good any damage shall be met by the *Contractor*.

Photographs, surveys and inventories must be date stamped, GPS referenced and copies held by the *Contractor*. The *Contractor* shall provide these to the landowner(s) affected, the *Client's* Estates officers, the *Project Manager* and the ECC Supervisor.

The *Contractor* gives at least 1 week notice to the *Project Manager* and ECC Supervisor prior to undertaking any condition survey.

All record photographs and videos shall comply with the requirements of the MTR (See section 1.34).

The survey record shall be stored in the BIM archive (Asite).

The *Contractor* shall remove from Site and fully reinstate all temporary compounds, storage areas, site roads and accesses to their pre-existing condition. This shall include for decompaction of soils where appropriate and deemed necessary by the *Client* and in accordance with the MTR. The *Contractor* shall submit details of the proposed reinstatement works not less than 5 weeks before these reinstatement works commence.

Refer to the MTR (see section 3) for additional requirements for the Reinstatement of Maintainable Highways, Unpaved land and Land in Private Ownership.

S 2010 Consideration of Others

The *Contractor* shall work to limit the impacts of the works on local residents and the land users. The *Contractor* is responsible for directing public enquiries to the *Client* who will provide a response.

The *Contractor* shall understand the importance of, and assist the *Client* to establish and maintain good public relations during the course of the contract and thereafter.

S 2011 Control of site personnel

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

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

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

The *Contractor* and *Client* shall follow the latest government guidance on Covid 19

S 2012 Site cleanliness

The *Contractor* shall keep the Site tidy and promptly remove rubbish, waste and surplus materials. Materials, plants and equipment are to be positioned, stored and stacked in a safe and orderly manner

S 2013 Waste materials

The *Contractor* shall dispose of any construction related materials without any contamination of the waterways or surrounding land. Disposal must be in accordance with the Site Waste Management Plan and by a licensed waste disposal contractor with procedures to provide an audit trail

Based on the information included within the Environment Assessment Report (EAP), the *Contractor* shall prepare an Invasive Species Management Plan (ISMP). Any invasive species will need to be disposed of in alignment with the ISMP to ensure no spread during construction. Bio security measures shall be applied throughout the project. Should the *Contractor* identify any additional invasive species on site (not included within the EAP) the contract shall report this to the *Client* and update the ISMP.

S 2014 Deleterious and hazardous materials

Restrictions on the use of deleterious and hazardous material

S 2015 NOT USED

S 300 Contractor's design

S 301 Design responsibility

The *Contractor* is responsible for any and all temporary *works* design.

S 302 Design approval from Others

All design drawings are issued to the *Client* for acceptance

S 303 Client's requirements

The *Contractor* shall provide red line drawings for site works prior to Completion to the *Consultant* for them to update the final as-built drawings to include in the Health and Safety File. Drawings shall be numbered as on the Master Information Delivery Plan (MIDP).

The *Contractor* shall confirm the setting out position on Site with the ECC *Supervisor* before commencement of any construction works and obtain acceptance by the *Project Manager*.

Design and provision of all temporary works is the responsibility of the *Contractor* and they shall meet the *Client's* requirements. To meet the *Client's* requirements the *Contractor* shall produce them in compliance with the *Client's* Minimum Technical Requirements and the SHEW CoP and

- Requirements of the Whole-life Carbon Assessment using the Carbon Tool outputs to inform design selection and methodology
- The Corporate Requirement for carbon reduction and specific requirement to meet the EA NZC target for 2030 defined by a project 'carbon budget calculation' that are produced by the *Consultant* for acceptance by the *Client*.

S 304 Design co-ordination

The *Contractor* shall assist with the *Client's* detailed designers (Jacobs), in preparing their design whilst delivering the Scope of Phase 1.

The *Contractor* shall also liaise with Jacobs whilst developing the temporary *works* design.

S 305 Requirements of Others

The *Contractor* shall show on the programme any interdependencies on others that the *Contractor* requires to provide the Works

S 306 Copyright/licence

The *Contractor* grants a free unequivocal, irrevocable license to the *Client* to use all intellectual property, copyrights and licenses that are used in the *Contractor's* design

S 307 Access to information following Completion

No further requirements

S 308 Site investigations

The *Contractor* shall obtain *Client's* approval prior to any site investigation works.

S 400 Completion

S 401 Completion definition (Phase 1)

In the event that the Phase 2 works does not proceed the following are absolute requirement for Completion of Phase 1 to be certified,

- Transfer the pre-construction documents and survey data to the *Client* databases of BIM data (Asite)

S 402 Sectional Completion definition

- Phase 1 n/a

S 403 Training – Phase 2 only.

n/a

S 404 Final Clean

The *Contractor* shall leave the Site in a clean, tidy condition and having removed all temporary structures, equipment, plant and materials not required for the permanent works, to the satisfaction of the *Client*.

S 405 Security

Not required

S 406 Correcting Defects

Access for any required correction of Defects shall be arranged through the *Project Manager*

S 407 Pre-Completion arrangements

Prior to the Phase 1 *works* being offered for Completion the *Contractor* shall arrange a joint meeting with the *Project Manager* to review the completed documentation.

S 408 Take over

Identify parts of the works that the *Client* requires to use prior to Completion without taking it over. Details to include

- Location of parts of the works and
Reasons for use.
- Details of *Contractor's* access provision during periods of use.

S 500 Programme

S 501 Programme requirements

The programme shall comply with the requirements of Clause 31.2 and shall include alignment and submission of the BIM Execution Plans (BEP) and Master Information Delivery Plan (MIDP). The *Client* shall issue and agree the MIDP/IDP with the *Contractor*.

Financial forecasts shall be issued monthly (by the 10th of the month) to the *Client*, the *Client's* Cost Manager, and the ECC PM.

The programme shall cover the activities to be undertaken by the *Contractor*, the *Client* and Others. Include all major project milestones from commencement to the end of the *works*.

The programme shall include activities for the temporary works design development.

The programme shall include appropriate review and consultation periods for consents, plans, temporary works design submission and RAMS

The following consultation periods shall be incorporated into the programme, with adequate allowance for review and revision of documents by the project team where appropriate:

- *Client* review of all outputs before circulation to the wider project team to ensure high quality output
- Consents and licences for temporary works.
- Dates and durations of any operations are likely to impact upon neighbouring residents and businesses (re: restrictions on access, etc.).
- Submission for approval and time allowance for the *Client's* approval process

S 502 Programme arrangement

The *Contractor* shall submit their programme as required by Clause 31 in the form of a Resource Analysed Critical Path Network linked bar chart showing start and finish dates for each activity. It shall clearly identify those activities forming a critical path. The programme is to be produced in an electronic format, such as Microsoft Project 2016 (*.mpp or as agreed with the *Client*), and pdf formats

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

S 503 Methodology statement

The *Contractor* shall produce and issue to the *Project Manager* and the *Supervisor* all method statements at least 2 weeks in advance of carrying out all items of work for comment and acceptance. All method statements shall include, but are not limited to, full particulars of methods, people, organisation, working hours, safety, Plant and Materials, Equipment, expected outputs, timing, environment (including environmental risk assessments), welfare, and sequence of construction including the use and design of temporary works proposed by the *Contractor*. Method statements contain sufficient information to enable the *Project Manager* to assess the likely detriment to either the proposed or the existing works or to the *Client's* overall objectives

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

Method statements , Construction Phase Plan (CPP) / Project Execution Plan (PEP) shall be issued for Information, to include but are not limited to the following matters:

- Health & safety measures (RAMS & CPP/PEP)
- Extent of Working Areas and protective barriers (CPP/PEP)
- Access to Working Areas (RAMS & CPP/PEP)
- The implementation of relevant statutory regulations (CPP/PEP)
- The design and construction of temporary works/loading conditions
- How the environmental impact of the activities are to be minimised (EAP, RAMS & CPP/PEP)
- Protection of existing vegetation and other environmental constraints (CPP/PEP)
- Equipment requirements, siting and mode of operation (CPP/PEP)
- Labour requirements and supervision (CPP/PEP)
- Delivery and storage of Plant and Materials (TMP in CPP/PEP)
- Provision of access to third parties (CPP/PEP)
- Details of the construction sequence (RAMS & CPP/PEP)
- Details of working methods (RAMS)
- Detailed programme
- Contingency plans in the event of flooding, other difficulties or emergencies (Flood Protocol)
- Risk and COSHH assessments (RAMS)
- Assess impact on proposed works (RAMS)

The *works* shall not commence until the *Contractor* has issued the relevant Method Statements to the *Supervisor* for information. The *Contractor* provides the works in accordance with the accepted method statement.

All submitted method statements are to include environmental management actions where relevant and will be reviewed by the *Supervisor*, appointed by the *Client*.

S 504 Work of the *Client* and Others

If there are potential clashes of works the *Contractor* must identify these and mitigate the effects of these on the programme. Access must be maintained for the *Client* for operational purposes unless diversion arrangements have been agreed.

S 505 Information required

No further information is required.

S 506 Revised programme

The *Contractor* shall submit a revised and updated programme in accordance with Clause 32 of the contract at intervals stated in Contract Data Part 1.

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

S 507 Monthly reports

In managing the service the *Contractor* shall (strike through any of the following that are not required for the project):

- Contribute monthly to the updates to the project risk register

- Provide input to project efficiency CERT Form.
- Produce monthly financial updates and forecasts meeting the *Client's* project reporting timetable together with progress reports. Monthly financial updates and forecasts to meet EA deadlines provided by no later than the 10th day of each month, or otherwise agreed at the project start up meeting.
- Deliver a monthly progress report in the *Client's* standard template giving progress against programme, deliverables received and expected, financial summary against programme and forecast project carbon Construction Monthly Report
- Commission capital forecast profile to be entered on FastDraft monthly & Project forecast outturn project carbon profile to be entered onto FastDraft monthly The *Contractor* is required to provide a monthly forecast on FastDraft for both carbon and cost in accordance with Framework Heads Up (FHU)
 - Framework Heads Up 244 Commercial Clarification 54
 - Framework Heads Up 256 Commercial Clarification 57
- Attend project board meetings as required.
- Ensure quarterly input into framework performance assessment/environmental Performance Measures.
- Maintain and show how accurate and up to date information on the whole-life cost and carbon of options is driving optimum solutions at all stages of design development. Capture lessons learnt relevant to scheme delivery for the EA PM

S 600 Quality management

S 601 Samples

In lieu of samples, the *Contractor* provides technical details, specifications and product information for equipment and materials proposed to be used in the *works* for acceptance of the *Client*

S 602 Quality Statement

The *Contractor* shall submit their quality plan for the *works* to the *Project Manager* within 6 weeks of the *starting date*

S 603 Quality management system

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

S 604 BIM requirements

This project is to be undertaken in accordance with the *Client's* Minimum Technical Requirements (MTR's) for managing data and information in projects (Appendix B) and BIM protocol (Appendix G).

The *Contractor* is to mark-up up the attached Information Delivery Plan (IDP) and submitted to the Environment Agency for acceptance for the production of the Master Information Delivery Plan (MIDP).

S 700 Tests and inspections

S 701 Tests and inspections

Refer to the relevant CESWI Clauses, 412_13_SD01 the EA Minimum Technical Requirements (MTR's) for NEC4 contracts and the *Client's* work specifications

S 702 Management of tests and inspections

The *Contractor* shall produce and follow a testing and inspection schedule suitable to confirm that the works have been constructed in accordance with this Scope and the accepted design.

S 703 Covering up completed work

The *Contractor* shall notify the *Supervisor* at least 1 week in advance before covering any works that the Supervisor shall test or inspect.

S 704 Supervisor's procedures for inspections and watching tests

The *Client* shall appoint a *Supervisor* to monitor the *works* to ensure that all *works* are being undertaken in accordance to the Scope and to the pre agreed safe system of work.

The *Contractor* is to notify the *Supervisor* a minimum of 1 week prior to the requirement for inspecting of any items described in the specifications

S 800 Management of the Works

S 801 Project team Others

Project Executive:	██████████
EA PM:	██████████
Senior Users:	████████████████████
Project Sponsor:	██████████
ECC <i>Project Manager</i> :	██████████
ECC <i>Supervisor</i> :	██████████

S 802 Communications

For Phase 1 works monthly update calls shall be held via MS Teams as appropriate, and are to be attended by a minimum of the *Contractor's* project manager. Other members of the *Contractor's* team shall attend the meeting if requested by the *Project Manager*.

For Phase 2 works monthly progress meetings, the *Contractor* shall produce a progress report detailing *works* progress since the last meeting, health and safety checks and incidents, progress against programme, public relations/interaction, planned *works*, commercial situation, any other issues. The *Project Manager* shall organise the meetings, produce the agenda and produce the minutes of the meeting

For Phase 2 works the *Contractor's* project manager and site agent shall also attend weekly teleconferences.

For both Phase 1 and Phase 2 financial and programme reporting is required on a monthly basis and is to be submitted by the 8th of the month

For Phase 2 works the *Contractor* shall develop and maintain an Emergency Contacts List for the duration of the *works*. Copies of the Emergency Contacts List shall be provided to the *Client*, *Project Manager*, and *Supervisor*. The *Contractor* shall use the *Client's* project collaboration tool, Asite, for the duration of the *Works* for sharing all electronic information excluding drafts which shall be made available on a project's Sharepoint/MS Teams site (as agreed with the Project Manager) The *Contractor* shall adhere to the standard naming format used by the *Client* The *Client* shall issue the MIDP with the contract.

For Phase 2 works the Flood Protocol will state the specific communications needed between the parties to manage the high tide events at any time during the construction.

S 900 Working with the *Client* and Others

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

The *Contractor* shall provide the *Client* with access to the Site at any time during construction to undertake any activities for operational purposes that do not form part of the *works*.

S 902 Co-operation

Working with the *Client* the *Contractor* shall liaise with Sea Fisheries Committees about marine delivery and works.

S903 Co-ordination

The *Contractor* shall liaise with Sea Fisheries Committees about marine delivery and works. This may require the allocation of an appointed person to act as the *Contractors* Fisheries Liaison Officer

S904 Authorities and utilities providers

The *Contractor* shall be responsible for arranging and managing any appropriate utility company consents and any road/footpath closures or vehicle movement permissions that may be required

S905 Diversity and working with the *Client*, Others and the public

The *Client* shall lead communications with the public

The *Contractor* shall provide input to develop the communication plan during Phase 1 and shall manage the site communications during the construction phase.

S 1000 Services and other things to be provided

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

The following are required:

- An allocated desk for the *Client's* staff
- A 'hotdesk' with internet access to be used by the *Client's* staff and shared with other visitors to the site.

The *Contractor* is responsible for arranging their own construction electricity, lighting, water, telephone supplies and drainage facilities for the Site and for the execution of the works, and shall be responsible for all costs and charges in connection therewith that are in excess of those available on the Site.

The *Contractor* shall make their own arrangements for the connection and supply of telephone lines to their offices and such other places as he considers necessary for the efficient performance of their operations

All temporary installations shall comply with statutory regulations, and shall be in accordance with current best practice.

The *Contractor* provides for the *Project Manager* and *Supervisor* use of the following:

- Shared office with 2 desks, office chairs, cabinets, cleaning;
- Medical facilities and first aid;
- Sanitation;
- Security;
- Safety equipment and services;
- Access to a kitchen.

The *Contractor* shall be responsible for the removal of all Equipment on Completion. The *Contractor* shall make due allowance in their Total of Prices for on-site Equipment such as generators, water bowser etc

Due to Covid19 pandemic the *Contractor* shall not provide or maintain a supply of protective clothing for use by visitors unless otherwise agreed with the *Client*, and according to Government regulations and restrictions.

Prior to the *works* commencing, the *Contractor* shall liaise with the *Client* to determine the location and orientation of site accommodation/facilities required by the *Client*

The *Contractor* shall provide regular maintenance for the welfare facilities

The *Contractor* shall be responsible for the removal of foul sewage and shall allow for paying all charges in connection therewith

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

Not applicable.

S 1100 Health and safety

S 1101 Health and safety requirements

The *Contractor* shall comply with all current Health and Safety Legislation. The *Contractor* shall discharge their duties in accordance with the requirements of the Construction (Design and Management) Regulations 2015

The *Contractor* shall inform the Principal Designer and *Project Manager* of the following:

- The appointment of any Designers (temporary works, specialists, etc.).
- Design changes where safety considerations are required for all permanent works.

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

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

The *Contractor* shall copy the *Client* into all correspondence with the Principal Designer.

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

The *Contractor* shall report any health and safety incidents, "near misses", and instances of bad practice observed during the *works* period using the procedure outlined in "Environment Agency Operational Instruction 300 10 SD20: Reporting incidents at *Contractors'* sites" (Appendix F). The *Contractor* shall follow the RIDDOR reporting procedure 'Constructing a Better Environment SHEW CoP'.

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

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

Where works are taking place on or adjacent to operational sites, the *Contractor* shall ensure that they arrange site inductions with the relevant parties to ensure they comply with the construction site health and safety procedures

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

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

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

- Water rescue and recovery, including contingencies for those parts of the site that may be subjected to flooding
- Working in the vicinity of overhead and underground services (service strike)
- Environmental Incidents
- Flooding

The *Contractor* shall provide full welfare provision for the site in accordance with schedule 2 of the CDM Regulations 2015, plus additional provisions as stated in Constructing a Better Environment SHEW Code of Practice, May 2018, sections 2.6, 2.7 and 4.8. Proposals, which will include a schematic showing the compound layout and welfare facilities, shall be fully detailed in the Construction Phase Plan (CPP) submitted to the *Client* for review under Regulation 16

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

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

S 1102 Method statements

All work shall be carried out using techniques to eliminate any risk of structural damage to the adjacent properties and trees, and to minimise potential complaints about noise and vibration

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

The *Contractor* shall produce and issue to the Principal Designer, for review and acceptance, a suitable Construction Phase Plan (CPP), which is to be submitted as early as practical but at least a minimum of 10 working days prior to the planned start of the *works*.

Method Statements need to be submitted for acceptance to the *Project Manager* and *Supervisor* at least 2 weeks in advance of the intention to undertake the relevant site activity

S 1103 Legal requirements

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

The *Contractor* shall fulfil the roles of Principal Contractor and Designer (for temporary *works*) under the Construction Design and Management Regulations 2015 for the duration of the *works*. The *Client* will confirm this appointment in writing. The *Client* shall employ a Principal Designer for the duration of the *works*

S 1104 Inspections

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

S 1200 Subcontracting

S 1201 Restrictions or requirements for subcontracting

Requirements in accordance with the Collaborative Delivery Framework (CDF) schedules.

S 1202 Acceptance procedures

No additional requirements.

S 1210 Procurement of subcontractors

Sub-contractors need to be selected using best value processes

This requires the *Contractor* to demonstrate that they have made reasonable attempts to obtain three competitive tenders for all work in excess of £25,000.

The only exception to this is work which has been accepted (in writing) by the hub Commercial Services Manager for strategic suppliers or for emergency work

The *Client* and *Project Manager* acknowledge that the following suppliers / subcontractors have been selected with due regard for this clause and represent best value:

1. [REDACTED]
2. [REDACTED]

S 1300 Title

S 1301 Marking

All Plant and Material procured under this contract must be marked as "The property of the Environment Agency" irrespective of where they are stored. All markings shall be to the satisfaction of the *Client*. The *Contractor* is to notify the *Supervisor* a minimum of 48 hours prior to the requirement for inspecting the marked items.

If required by the Project Manager stored Plant and Materials shall be titled (vested) in the name of 'The Environment Agency' and Title Certificates provided for all the Plant and Materials stored. The format and wording of the title certificate shall require approval by the Project Manager prior to vesting taking place. The titling (vesting) shall include for insurance of the Plant and Materials against loss and/or damage. It is not guaranteed that the Environment Agency will vest Plant and Materials in connection with the works.

Titled Plant and Materials shall be placed in a separate designated area at the store and clearly labelled as being the property of The Environment Agency. A copy of the Title Certificate shall also be clearly displayed. Where this is not practicable an alternative means of confirming title shall be agreed with the *Project Manager*.

S 1302 Materials from excavation and demolition

Disposal of materials from excavation and/or demolition must be in accordance with the Site Waste Management Plan and by a licensed waste disposal contractor with procedures to provide an audit trail.

S 1400 Acceptance or procurement procedure

Any deposit paid in respect of Plant or Materials being refundable in the event of non-delivery of said Plant or Materials. If applicable, the *Contractor* shall supply evidence and the *Client* shall pay a reasonable fee or a handling charge for any pre ordered materials that are not delivered should the project not proceed through any fault of the *Client*, as agreed with the Project Manager.

S 1500 Accounts and records

S 1501 Additional Records

In addition to the requirement of Clause 52.2 of the NEC4 ECC Option C contract the following additional records shall be kept by the *Contractor*.

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

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

S 1502 Application for Payment / Invoice

The *Contractor* is required to provide the backup to their application for payment in the following format:

Worksheet actual Cost CDF Lot 2

Submission of an application for payment without this format of backup sheet will not be recognised or treated as a compliant submission

.

S 1600 Parent Company Guarantee (Option X4)

Parent Company Guarantee is provided by the Collaborative Delivery Framework (CDF).

S 1700 Client's work specifications and drawings

S 1701 Client's work specification

The technical specification for the civil works is the 'Civil Engineering Specification for the Water Industry, 7th Edition', (CESWI 7) published by UK Water Industry Research Ltd in March 2011, augmented by the Supplementary Environment Agency's Minimum Technical Requirement and the Addendum to the Minimum Technical Requirements within Appendix B.

It is possible that conflicts and inconsistencies may arise between specification information. Notwithstanding the guidance provided within the Environment Agency Minimum Technical Requirements, the order of precedence for specification information shall be:

- i Scope (highest priority)
- ii. Design Drawings (including Manual of Contract Documents for Highway Works Series 600 for backfilling and Series 1700 for grouted anchor structural concrete)
- iii. Addendum to the Environment Agency Minimum Technical Requirements
- iv Environment Agency Minimum Technical Requirements, LIT 13258 04/05/2021, version 11, 4 May 2021.
- v Civil Engineering Specification for the Water Industry, CESWI 7th Edition

Nomenclature may vary between NEC4 and CESWI 7. Refer to the Environment Agency Minimum Technical Requirements, Operational Instruction 412 12 SD01 for clarification

S 1702 Drawings

The detailed design drawings and tender information for the civil works are presented in Appendix A.

S 1703 Standards the Contractor will comply with

The Contractor should carry out their work using the following guidance

Ref	Report Name	Where used
?	Project Cost and Carbon Tool	Costs
?	Carbon Tools for budget calculation and reporting	
?	Sustainability Measures Form	
?	Timber Policy Documents	
?	300 10 SHE handbook for managing capital projects	
?	300_10_SD27 SHE Code of Practice	

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Published: Mar 2023

Appendix A Construction Tender Package

Which includes:

Jacobs Drawings					
P02					ENV0001929C JAC-XX XX SP S 0202-S3 P02 B1500-EA3 LOD3 Piling Specification: https://adoddleak.asite.com/lnk/zAKjL8RfBegK9gs7Brno
C01					Cockett Wick Sea Wall Improvements Rock Structures Specification, ENV0001929C-JAC-XX-XX-SP-C-0208
P02					ENV0001929C JAC-ZZ XX-DR C-1001 General Arrangement
P01					ENV0001929C-JAC-ZZ-00 DR-C 1001 S3-P01-B1300-EA3 LOD3-General Arrangement: https://adoddleak.asite.com/lnk/pA9Bq8pUBdMjb4Se8bEo
					ENV0001929C JAC-XX XX-RP-EN-0106-Ground Investigation Factual Report
					ENV0001929C-MMD-ZZ ZZ RP-K 116 A3-02 B1500-EA3 LOD3-Ground Investigation Report
C01					ENV0001929C-JAC-XX-XX-SP-S-0201-A3-C01-B1500-EA3-LOD3-Concrete Specification: https://adoddleak.asite.com/lnk/7ABpz5aHEdr4yLt5pbXo
P01					ENV0001929C JAC ZZ-00-DR-C 1004 S3-P01-B1300-EA3-LOD3-Revetment Plan: https://adoddleak.asite.com/lnk/yAKB79nfBrxgaESpMb9z
P01					ENV0001929C JAC ZZ-00-DR-C 1005-S3-P01-B1300-EA3-LOD3-Revetment Tie-ins: https://adoddleak.asite.com/lnk/pA9BznMtBdxArbte8bEo
P01					ENV0001929C JAC-ZZ-00-DR-C 1010-S3-P01-B1300-EA3-LOD3-Revetment Cross sections (Drawing 1 of 2): https://adoddleak.asite.com/lnk/pA9BznqUBdxArxue8bEo
P01					ENV0001929C-JAC-ZZ-00-DR-C-1011-S3-P01-B1300-EA3-LOD3-Revetment Cross sections (Drawing 2 of 2): https://adoddleak.asite.com/lnk/4A9BznyuBdbAr6Ie8pEo
P01					ENV0001929C-JAC-ZZ-XX-DR-S-2010-S3-P01-B1300-EA3-LOD3-Proposed Seawall General Arrangement: https://adoddleak.asite.com/lnk/aMKBn8dSBEGKpXtBa9M8
P01					ENV0001929C JAC ZZ XX-DR S 2015-S3 P01 B1300-EA3 LOD3 Cross Sections Sheet 1 of 2: https://adoddleak.asite.com/lnk/KEokpAouj68RoEsnb9o5
P01					ENV0001929C JAC-ZZ XX-DR S 2016-S3 P01 B1300-EA3 LOD3 Cross Sections Sheet 2 of 2: https://adoddleak.asite.com/lnk/oRBpe9jCXMkKqAFpzbdx
P02					ENV0001929C JAC-ZZ XX-DR S 2020-S3 P02 B1300-EA3 LOD3 Setting out (Piles) Sheet 1 of 6: https://adoddleak.asite.com/lnk/XM9LaaGHKeMGbBHLr8Mp
P02					ENV0001929C-JAC-ZZ-XX-DR-S-2021-S3-P02-B1300-EA3-LOD3-Setting out (Piles) Sheet 2 of 6: https://adoddleak.asite.com/lnk/MXoEn9ASjyrGMrfnp9o5
P02					ENV0001929C-JAC-ZZ-XX-DR-S-2022-S3-P02-B1300-EA3-LOD3-Setting out (Piles) Sheet 3 of 6: https://adoddleak.asite.com/lnk/gE9LaXKhKpEBXAIK8Ee
P02					ENV0001929C JAC-ZZ XX-DR S 2023-S3 P02 B1300-EA3 LOD3 Setting out (Piles) Sheet 4 of 6: https://adoddleak.asite.com/lnk/7ABrjRnfE4jKdKs5pbXo

Jacobs Drawings					
P02					ENV0001929C-JAC-ZZ-XX-DR-S-2024-S3-P02-B1300-EA3-LOD3-Setting out (Piles) Sheet 5 of 6: https://adoddleak.asite.com/lnk/rAKjabACp4ak4bs89bEo
P02					ENV0001929C-JAC-ZZ-XX-DR-S-2025-S3-P02-B1300-EA3-LOD3-Setting out (Piles) Sheet 6 of 6: https://adoddleak.asite.com/lnk/9AKjabRCBnadnEspMb8o
P01					ENV0001929C JAC-ZZ XX-DR S 2030-S3 P01 B1300-EA3 LOD3 Setting out (Wall & Base) Sheet 1 of 3: https://adoddleak.asite.com/lnk/dE8KkeyUjBG6GMh65dge
P01					ENV0001929C JAC-ZZ XX-DR S 2031-S3 P01 B1300-EA3 LOD3 Setting out (Wall & Base) Sheet 2 of 3: https://adoddleak.asite.com/lnk/bM8KkkbsjBGdGyId5bge
P01					ENV0001929C-JAC-ZZ-XX-DR-S-2032-S3-P01-B1300-EA3-LOD3-Setting out (Wall & Base) Sheet 3 of 3: https://adoddleak.asite.com/lnk/XM9Kkk9UKEBnq9ILr8Mp
P01					ENV0001929C-JAC-ZZ-XX-DR-S-2035-S3-P01-B1300-EA3-LOD3-Setting out (Downstands) Sheet 1 of 3: https://adoddleak.asite.com/lnk/dE8KkkaHjBG6o6f65dge
P01					ENV0001929C JAC ZZ XX-DR S 2036 S3 P01 B1300-EA3 LOD3 Setting out (Downstands) Sheet 2 of 3: https://adoddleak.asite.com/lnk/5ABp77AHedRaMohqpbXz
P01					ENV0001929C JAC-ZZ XX-DR S 2037-S3 P01 B1300-EA3 LOD3 Setting out (Downstands) Sheet 3 of 3: https://adoddleak.asite.com/lnk/aMKBnnACBEGKqnSBa9M8
P01					ENV0001929C JAC ZZ XX-DR S 2040-S3 P01 B1300-EA3 LOD3 East tie in GA: https://adoddleak.asite.com/lnk/8AKBzz8sBL4a95CzBjko
P01					ENV0001929C JAC-ZZ XX-DR S 2045-S3 P01 B1300-EA3 LOD3 West tie in GA: https://adoddleak.asite.com/lnk/zAKB77kSBj4L9zh7Brno
P01					ENV0001929C JAC-ZZ XX-DR S 2050-S3 P01 B1300-EA3 LOD3 Structure at Cockett Wick Outfall GA: https://adoddleak.asite.com/lnk/gE9KkkqCKXG9q8UKg8Ee
P01					ENV0001929C-JAC-ZZ-XX-DR-S-2055-S3-P01-B1300-EA3-LOD3-Structure at Bonds Sluice GA: https://adoddleak.asite.com/lnk/dE8KkkeUjBG6oqh65dge
P01					ENV0001929C-JAC-ZZ-XX-DR-S-2060-S3-P01-B1300-EA3-LOD3-Flood barrier definition drawing: https://adoddleak.asite.com/lnk/EXEk44BseoRk8GFripok
P01					ENV0001929C JAC ZZ XX-DR S 2061 S3 P01 B1300-EA3 LOD3 Handrail layout: https://adoddleak.asite.com/lnk/5ABp776FEdRaMKtqpbXz
P01					ENV0001929C-JAC-ZZ-XX-DR-S-2070-S3-P01-B1300-EA3-LOD3-Precast Seaward Downstand Units General Arrangement Drawing: https://adoddleak.asite.com/lnk/jApbKorujLd5bLu6kr4a
P01					ENV0001929C JAC ZZ XX-DR S 2120-S3 P01 B1300-EA3 LOD3 Pile Head Details: https://adoddleak.asite.com/lnk/5ABp7qASedRaMGSqpbXz
P01					ENV0001929C JAC-XX XX-RP-EN-0104-S4 P01 B1500 EA3-LOD3-Reptile Mitigation Report.pdf
P01					ENV0001929C-JAC-ZZ-XX-DR-S-2060-S3-P01-B1300-EA3-LOD3-Flood barrier definition drawing pdf
P01					ENV0001929C JAC-ZZ XX-DR S 2055-S3 P01 B1300-EA3 LOD3 Structure at Bonds Sluice GA.pdf

Jacobs Drawings						
P01						ENV0001929C JAC-ZZ XX-FM Z-0001 S3 P01 B1300-EA3-LOD3 Federated Model.nwd
P01						ENV0001929C-JAC-ZZ-00-RP-Z-0002-S3-P01-K200-EA3-LOD3-Pre construction information pdf
P01						ENV0001929C JAC-ZZ-00-RA Z-0002 S3 P01 K0500 EA3 LOD3-Designers Risk Assessment (FBC).xlsm
P01						ENV0001929C-JAC-ZZ-00-AS-EN-0001-S3-P01-L1100-EA3-LOD3-Flood Risk Assessment pdf

Cockett Wick Buildability Statement (Document Number) - ENV0001929C-JAC-ZZ-00-RP-Z-0003 Buildability Statement pdf To be provided separately

Designer's Risk Assessment and Environmental Action Plan (EAP) To be provided separately

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Appendix B Minimum Technical Requirements – Operational Instruction

Environment Agency Minimum Technical Requirements: 412_13_SD01. Version 2.0.
Issued: March 2020

Appendix C Safety, Health, Environment & Wellbeing (SHEW) Code of Practice

Calculator: LIT 18559

Published: 25/5/2023



Constructing a Better Environment

**Safety, Health, Environment and Wellbeing
(SHEW)**

Code of Practice (CoP)

January 2023

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Appendix D Designers Safety, Health & Environment Red Amber Green (RAG) List

Not required Now incorporated in the latest SHEW CoP & called the Red green list

Template: LIT 13260

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Appendix E Environment Agency Gateway review process.

Operational instruction 209_07 Issued 14/01/2020

Appendix F Reporting Health & Safety and Environmental Incidents at Contractors Sites

Environment Agency Reporting Health & Safety and Environmental incidents at
Contractors' sites Document Number: LIT 12522 Version 2

Not required The following appendices are included in the latest SHEW CoP

Appendix A 1 Health and Safety Incident and Near Miss Reporting

Appendix A.2 Environmental Incident and Near Miss Reporting

Appendix B Accident/Incident Information Required

Appendix G Information Delivery Plan (IDP)

The *Contractor* shall adhere to the Environment Agency's Employer Information Requirements (EIR) framework level minimum technical requirements.

All *Client* issued information referenced within the Information Delivery Plan (IDP) requires verifying by the *Contractor* unless it is referenced elsewhere within the Scope.

The IDP is available in the project BIM space ENV0001929C Cockett Wick Sea Wall Improvement Project_BIM2.